

Future Wastewater Infrastructure Needs and Capital Costs

FY2010 Biennial Survey of Wastewater Collection and Treatment



Minnesota Pollution Control Agency

January 2010

Legislative Charge

Minnesota Statutes §115.03, Subd. 9. Future costs of wastewater treatment; report.

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

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

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The Appendices to Future Wastewater Infrastructure Needs and Capital Costs are bound as a separate document and will be provided upon request. Appendix 2 which is provided statewide can also be provided for specific counties or Economic Development Regions upon request. The Report and the Appendices will also be available early in 2010 at the MPCA web site: <http://www.pca.state.mn.us/hot/legislature/reports/index.html>

Appendices to *Future Wastewater Infrastructure Needs and Capital Costs*

Appendix 1: 2010 Wastewater Infrastructure Needs Survey (WINS) – Communities Providing Estimates of Future Wastewater Infrastructure Costs Summarized by Economic Development Regions and Counties (*30 pages*)

Appendix 2: Wastewater Infrastructure Needs Survey (WINS) – Descriptions of Individual Community Needs, Projects, Costs and Affordability (*222 pages – alphabetical*)

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

Appendix 4: State Fiscal Year 2010 Project Priority List (PPL) (*alphabetical and priority*)

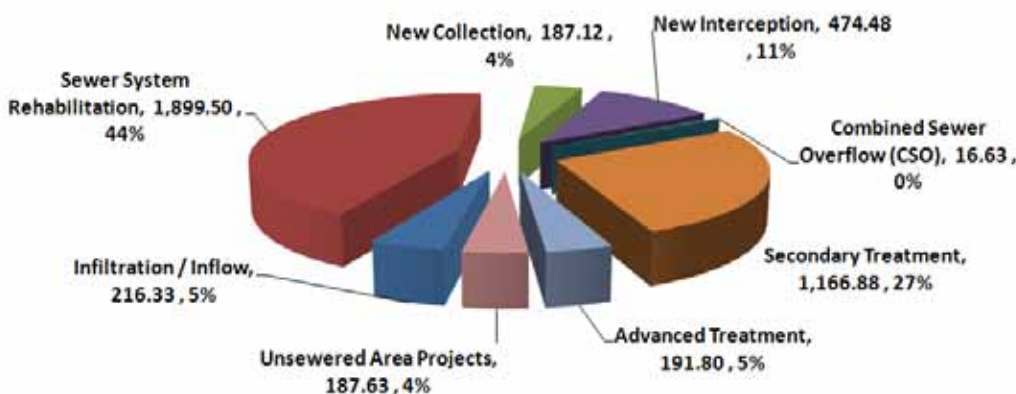
Appendix 5: Communities Served by Metropolitan Council Environmental Services (MCES)

Appendix 6: Survey Responses and Methodological Considerations

Executive Summary

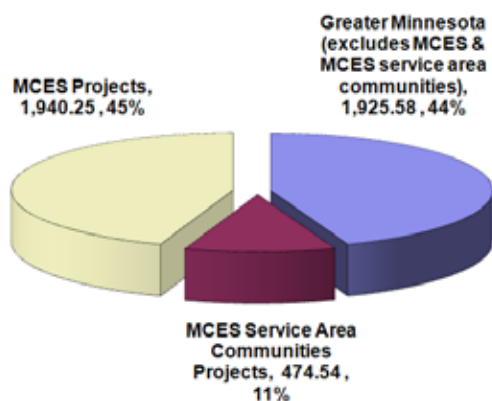
Statewide future infrastructure needs

Responding to the Minnesota Pollution Control Agency (MPCA) 2009 Wastewater Infrastructure Needs Survey (WINS) of future wastewater treatment and collection system needs, Minnesota's (State) communities identified 1200 **wastewater infrastructure projects** at a cost of over **\$4.3 billion dollars**. These projects are necessary to rehabilitate, expand and improve wastewater collection sewer systems and treatment facilities and to extend sewer systems to newly developed or existing unsewered areas. The distribution of costs by type of project is as follows (costs are in millions of dollars):



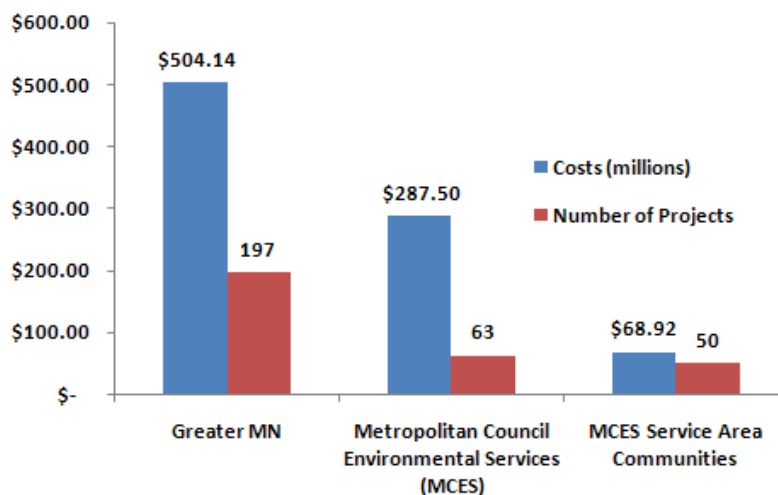
Greater Minnesota, Metropolitan Council Environmental Services (MCES) and MCES Service Area Communities Needs

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



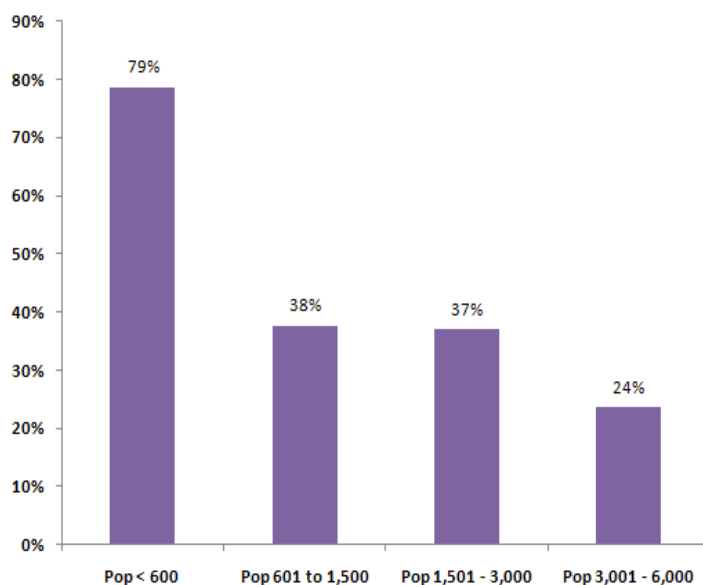
Completed wastewater infrastructure projects 2008-2009

During the two year period from January 1, 2008, through December 31, 2009, a total of 310 wastewater infrastructure projects were completed throughout Minnesota for a total cost of \$850.56 million. The distribution of costs and number of projects between Greater Minnesota, MCES and MCES service area communities are as indicated on the chart below (costs are in millions of dollars). Note that costs are overall totals for projects completed during the time period indicated. Projects may have been initiated and costs incurred prior to January 1, 2008.



Project affordability: Effects of economies of scale

Communities with low populations frequently struggle with the affordability of wastewater infrastructure as they lack the economies of scale that help keep costs down in more populous cities. The following chart indicates, for various ranges of community population, the percentage of infrastructure projects where household capital and operational costs exceed 1.5 percent of median household income (MHI). The U.S. Department of Agriculture Rural Development has identified 1.5 percent as a benchmark for an affordable project.



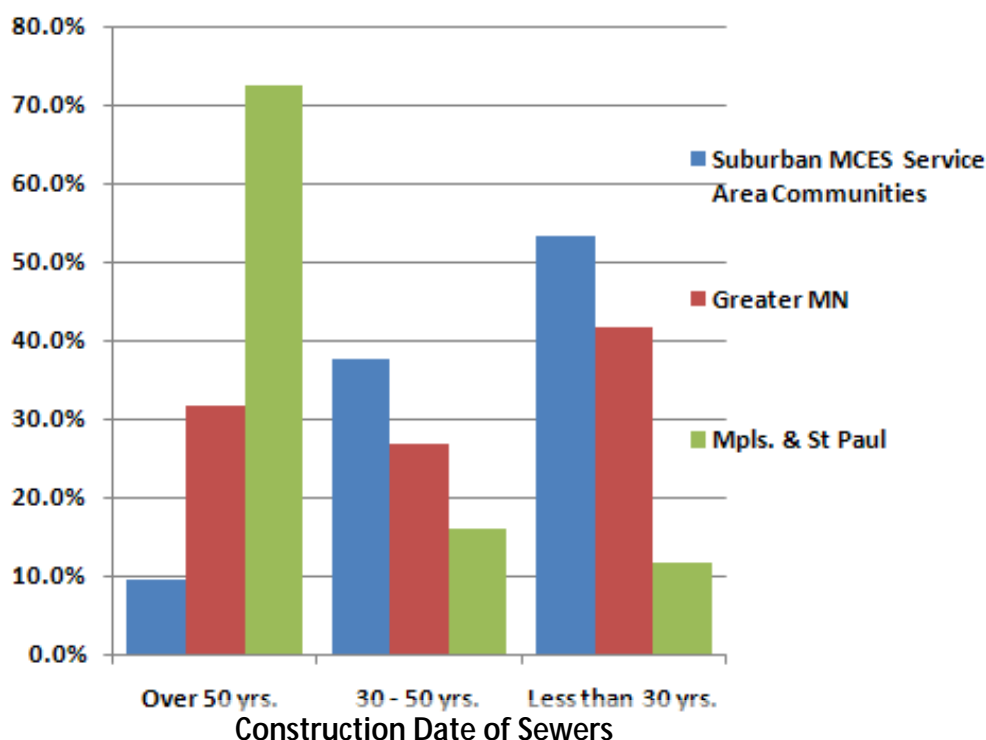
Age of collection sewers

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

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

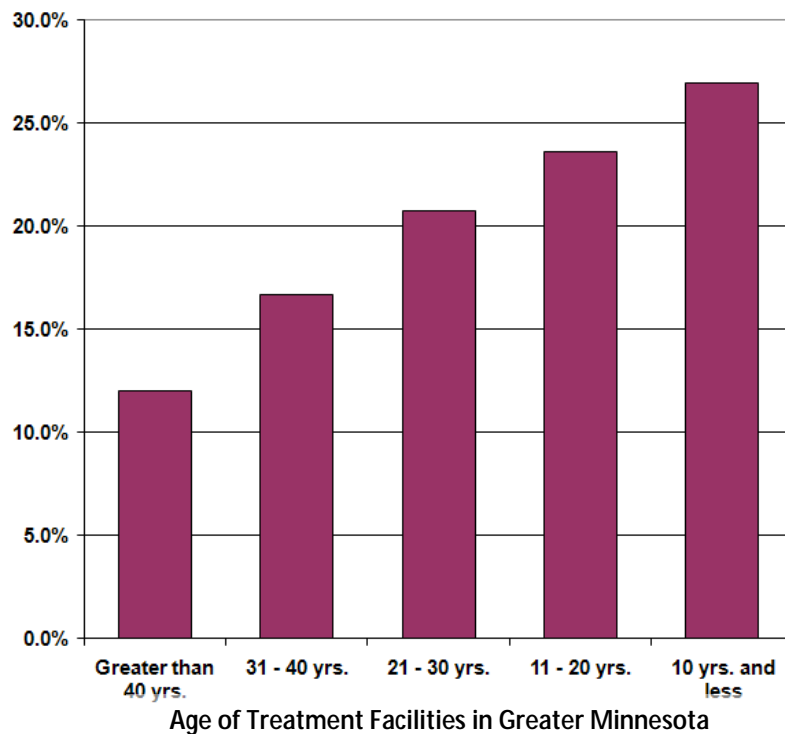
Suburban MCES Service Area Communities have a comparatively small percentage (9.5 percent) of sewers constructed over 50 years ago, located in first-ring suburbs, particularly South St. Paul, and the cities of Stillwater and Hastings. While these communities have the highest percentage of sewer systems constructed between 30 and 50 years ago (37.6 percent) the overall age of sewers in this group of communities does not appear to be an immediate or short term problem.

As indicated below, 31 percent of Greater Minnesota sewers were installed over 50 years ago and 26 percent of Greater Minnesota sewers are 30 to 50 years old. Financing the rehabilitating and replacement of these sewers is frequently a challenge because a disproportionate share of the oldest sewers tend to be in communities with low populations, communities that lack economies of scale and also tend to have comparatively lower median household incomes.



Age of treatment facilities

Major structural components of wastewater treatment facilities have an expected useful life of 40 years, dependent in part on operation and maintenance. As these structures deteriorate beyond their useful life, effectiveness declines leading to a greater potential for: permit violations, spills and related unintended discharges. As indicated below, at this point in time close to 12 percent of Greater Minnesota's treatment facilities are over 40 years old, in 10 years without reconstruction projects, the percentage would reach approximately 30 percent. This scenario would likely result in continuing significant increased infrastructure demands and costs.



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

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 U. S. Environmental Protection Agency's (EPA) Impaired Waters - Total Maximum Daily Load (TMDL) program and how this emerging program will affect wastewater treatment facilities expansions and effluent limits.

Minnesota's publicly owned wastewater treatment systems are operated according to National Pollutant Discharge Elimination System (NPDES) and State Disposal System (SDS) permits issued by the MPCA. In addition to providing an overview of the infrastructure needs 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, the Metropolitan Council Environmental Services (MCES) and Western Lake Superior Sanitary District (WLSSD) are the most prominent in the extent of services provided.

This report does *not* address:

- Privately owned NPDES or SDS permitted wastewater treatment facilities (e.g., industrial and commercial dischargers that do not discharge to publicly owned wastewater treatment facilities)
- Privately owned Subsurface Sewage Treatment Systems (SSTS) which account for approximately 25 percent of the domestic wastewater discharged by Minnesota residences;
- Stormwater Collection Systems, Management and Treatment Practices. Based primarily on population, approximately 200 of Minnesota's municipalities are responsible for stormwater management according to the conditions of NPDES stormwater permits. Stormwater in communities not subject to stormwater permits is managed according to nonpoint source Best Management Practices (BMPs).
- Publicly owned wastewater treatment facilities with flows less than 10,000 gallons per day (approximately 30 households) and land based disposal. These facilities are not issued NPDES or SDS permits.

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 percent) is discharged to sanitary sewer collection systems and flows to municipally operated wastewater treatment facilities where it is treated and released. The remainder is discharged by households and businesses to Subsurface Sewage Treatment Systems (SSTS) and to privately operated, primarily industrial treatment facilities.

Wastewater is typically about 99 percent water and 1 percent organic matter, solids, nutrients, potentially disease-causing organisms and other pollutants. These materials are suspended and dissolved in the wastewater. Sewage treatment is a multi-stage process to reduce or eliminate pollutants and nutrients before the treated wastewater is discharged to a river, lake, stream or wetland, land applied or reused. The wastewater treatment process screens out

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

debris and separates suspended solids and greases from the wastewater. One or more biological treatment processes are then used to remove dissolved organic matter from wastewater. Together this series of processes is defined as *secondary treatment*. Depending upon the need to address specific pollutants or to ameliorate particular conditions in receiving waters *advanced treatment* may also be required. Advance treatment typically focuses on a specific pollutant or nutrient such as phosphorous. Wastewater treatment processes range from the relatively simple (stabilization ponds) to very complex (activated sludge treatment facilities), but all require careful operation and management to ensure the protection of the water body that receives the discharge. In wastewater treatment plants trained operators measure and monitor the incoming sewage, the treatment process and the final effluent which is discharged to the lakes and streams of Minnesota. These operators are licensed and certified by the MPCA.

Minnesota's waters are affected by pollutants from three primary sources: (1) point source pollution which includes discharges from wastewater treatment facilities; (2) nonpoint pollution which includes stormwater and runoff from other land use activities such as agriculture and forestry, and (3) 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 EPA's National Pollutant Discharge Elimination System (NPDES) permits. These permits are issued by the MPCA according to a delegation agreement with the EPA. Treatment facilities that discharge to land 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
- 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
- Changes in operation and maintenance to achieve new and/or more restrictive discharge standards

Capital projects are identified in the report as follows:

- Sewer System Projects – Projects involving the rehabilitation, construction and/or expansion of existing sewer collection and interceptor sewer systems and projects to correct infiltration and inflow and/or combined sewer

overflows. Infiltration and Inflow is stormwater and ground water that enters sanitary sewers through leaks or through the direct connection of, for example, roof downspouts. Combined Sewer Overflows (CSOs) are discharge points in a sewer system that are utilized to release untreated sewage to rivers, lakes and streams when wastewater flow in combination with stormwater runoff exceeds the capacity of wastewater treatment facilities. Sewer collection systems constructed prior to the 1950s typically combined the collection of sanitary wastes and stormwater. During storms when stormwater runoff is high, these combined systems generate flows that exceed the capacity of treatment facilities. The primary solution to this problem is to construct separate sanitary and storm sewer systems.

- **Wastewater Treatment Projects** – The construction, improvement, expansion of treatment facilities/works/plants for the secondary and advanced treatment of wastewater to meet water quality standards.
- **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 2009 Wastewater Infrastructure Needs Survey (WINS)

The 2009 WINS survey was mailed to communities and sanitary districts in July, 2009 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 20 years.

The 2010 Project Priority List (PPL) August 2009

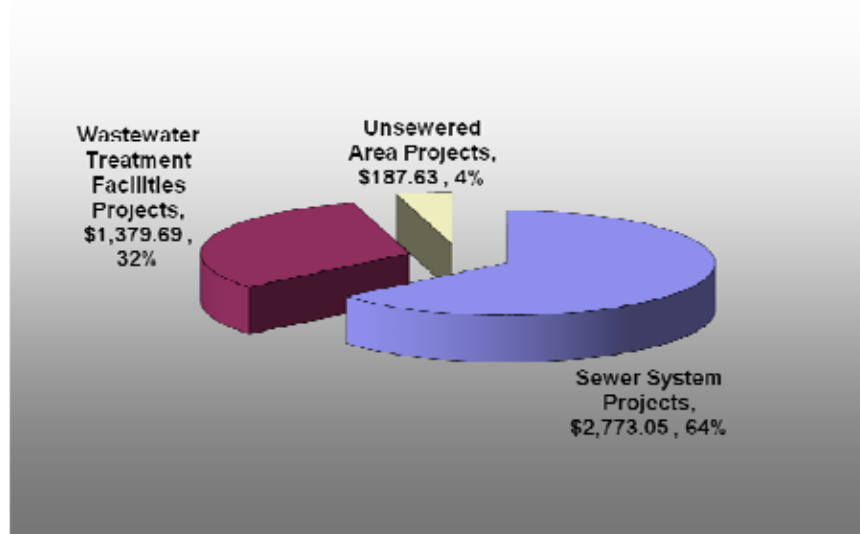
The Project Priority List (PPL) consists of project proposals submitted to the MPCA by communities and sanitary districts seeking financial assistance for sewer and wastewater treatment construction projects and for stormwater projects. Proposals include information describing and supporting the needs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

The PPL is 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 grants and loans through other state financing programs, including the Wastewater Infrastructure Fund (WIF) program and the Total Maximum Daily Load (TMDL) grant program. The 2010 PPL is included as Appendix 4 of this Report. Information regarding these programs and the CWRF 2010 IUP is available at the PFA Web site: www.positivelyminnesota.com/pfa. Wastewater infrastructure needs addressed by 2010 PPL project proposals are a subset of, and represent approximately 28 percent of the total number of wastewater project proposals and 48 percent of the overall costs identified by the 2009 WINS Survey.

Wastewater Infrastructure Needs and Capital Costs

This section provides summary information on future wastewater infrastructure needs and corresponding capital costs facing Minnesota communities and sanitary districts. The summary data is based on over 1200 wastewater infrastructure projects identified as future needs in the 2009 WINS survey and/or listed on the current State Fiscal Year 2010 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 \$4,340.37 million² in wastewater infrastructure needs.

Chart 1: Statewide Wastewater Infrastructure Needs by Project Type
Total Need = \$4,340.37 (in millions)



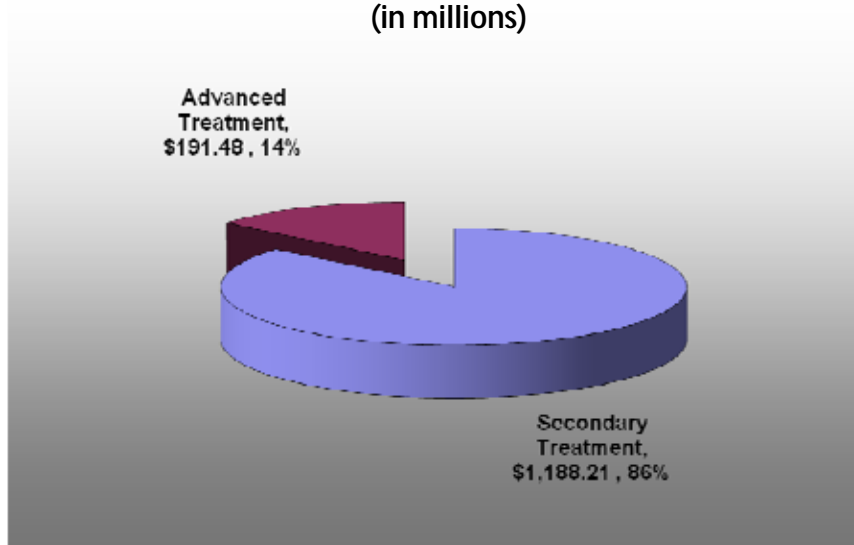
The Unsewered area projects identified by this report are limited to those that have requested placement on the CWRP 2010 Project Priority List PPL (For PPL see above discussion of Data Sources). The overall potential need to address unsewered areas with failed or inadequate Subsurface Sewage Treatment Systems (SSTS) is much greater, estimated by the MPCA at approximately \$1 billion. 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-1sy04.pdf>

The \$1,379.69 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:

² The reported \$4,340 million of overall need of the 2010 Report compares to needs of \$4,526, \$3,483 and \$2,539 million reported in 2008, 2006 and 2004 respectively. The general congruence of the 2008 and 2010 needs suggest that the substantial increases in identified needs over the period 2004 to 2008 should not be understood as representing an actual "on the ground" 80 percent 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.

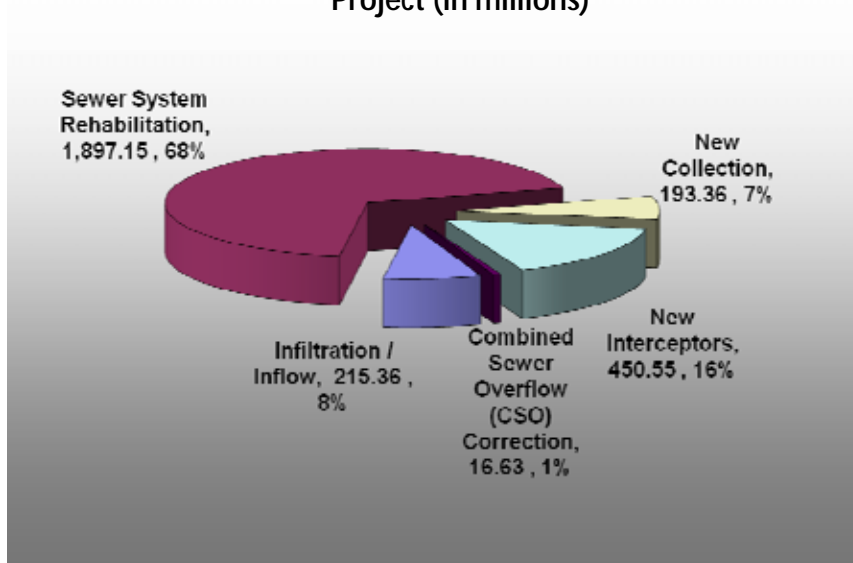
³ For descriptions of secondary and advanced treatment please see page 4.

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



Of the \$2,773.05 million of sewer system projects to rehabilitate, improve and expand sewer collection and interceptor systems, costs are distributed as indicated in Chart 3:

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



Greater Minnesota needs & MCES service area needs

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

Chart 4: Distribution of \$4,340.37 Million Statewide Need between Greater Minnesota and the MCES & MCES Service Area Communities (in millions)

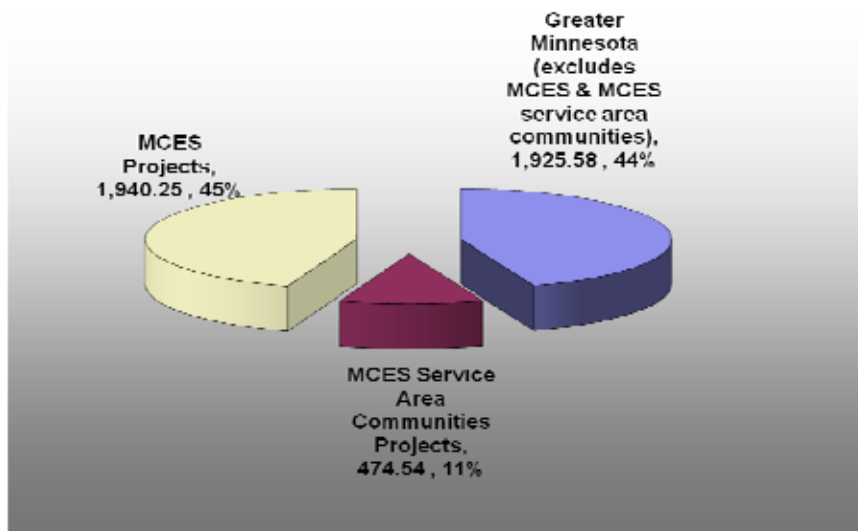
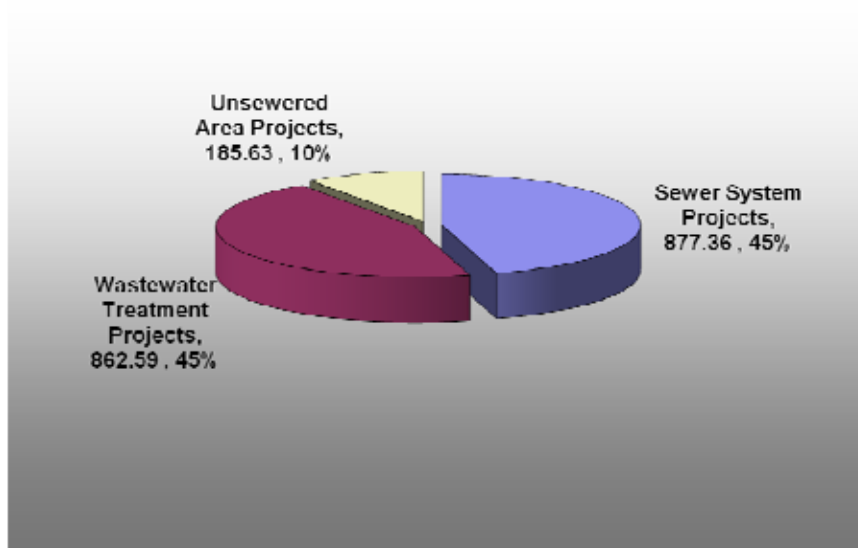
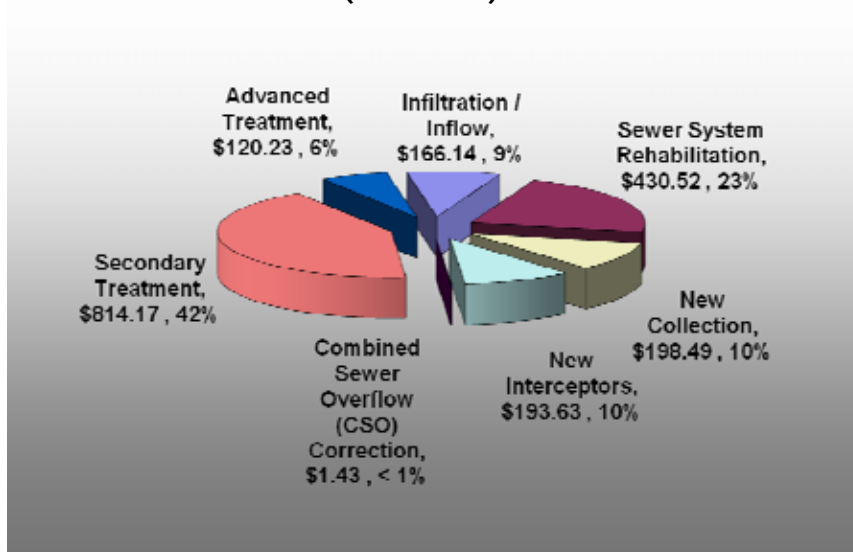


Chart 5: Greater Minnesota Wastewater Infrastructure Needs by Project Type
Total Greater Minnesota Need = \$1,925.58 (in millions)

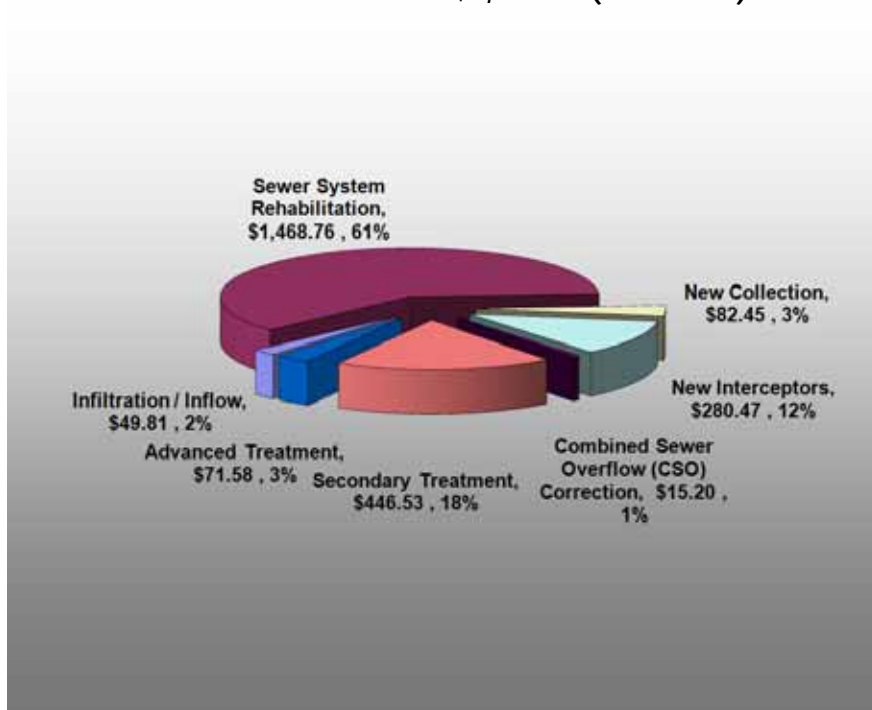


* The MCES service area encompasses approximately 180 communities with a total population of: 2,633,609, 53 percent of the State's total population (2000 US Census) Please see Appendix 5 for a list of MCES Service Area Communities.

Chart 6: Greater Minnesota Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type -- Total Greater Minnesota Need = \$1,925.58 (in millions)



**Chart 7: MCES and MCES Service Area Communities Wastewater Infrastructure Needs by Treatment Facilities and Sewer System Type
Total Need = \$2,414.79 (in millions)**

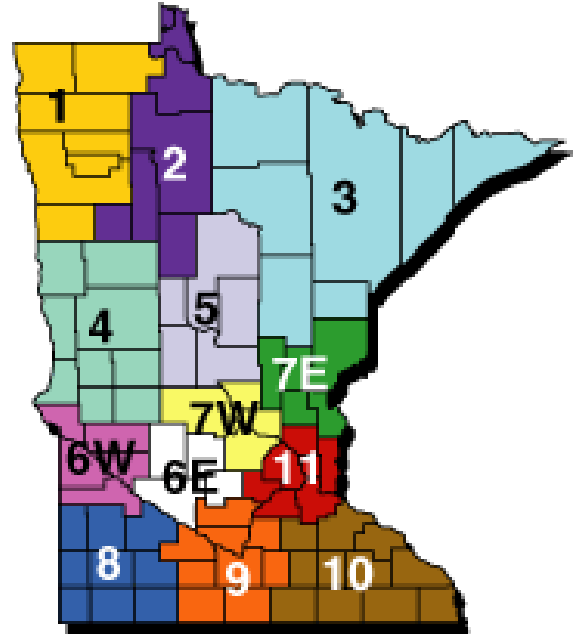


* The comparatively low percentages for “New Collection” may be influenced by a widespread local community policy of requiring residential developers to incorporate wastewater collection construction into development projects. Consequently such capital costs are not reported to the WINS survey which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

Needs by Economic Development Region (EDR)

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

Economic Development Regions (EDR)	Projected Wastewater Infrastructure Needs (\$ million)
1	51.20
2	34.52
3	451.57
4	141.47
5	95.50
6E	110.68
6W	21.75
7E	139.10
7W	307.65
8	61.17
9	106.85
10	<u>296.84</u>
Subtotal for Greater Minnesota*: 1,818.31	
11**	2,522.06
Statewide Total:	<u>4,340.37</u>



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

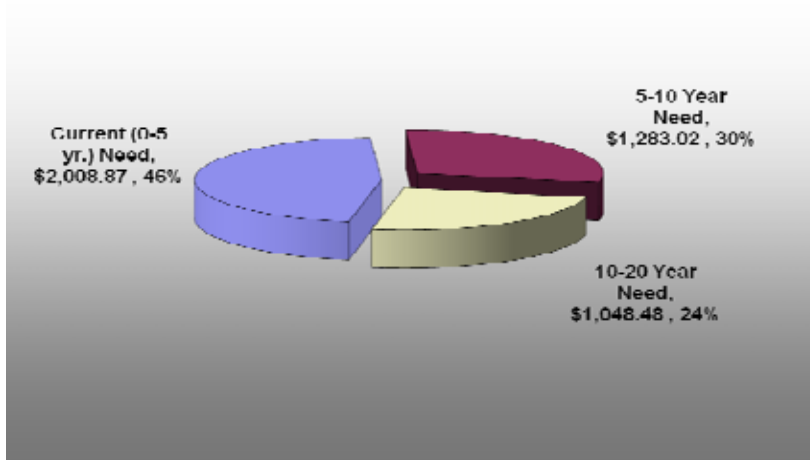
* EDRs 7E & 7W include three Twin Cities Metro Counties: Chisago, Sherburne, and Wright

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

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.)

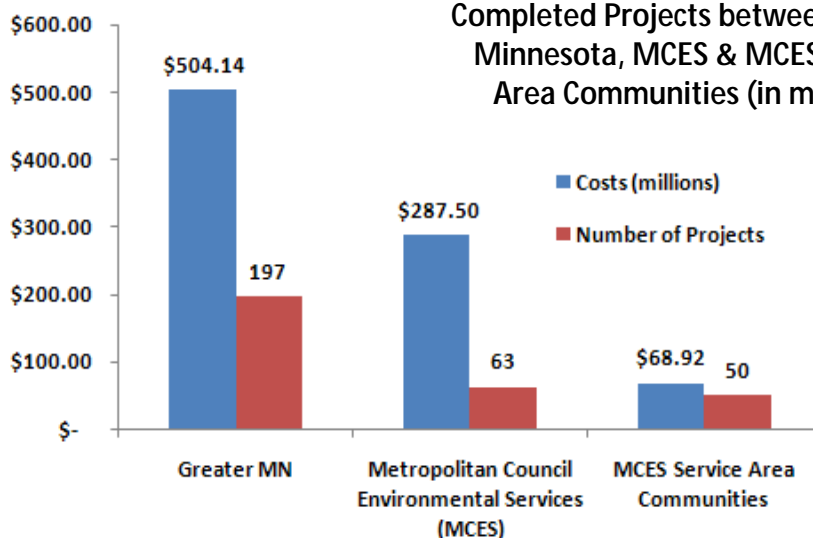
**Chart 8: Wastewater Infrastructure Needs by Time Frame
(in millions)**



Completed wastewater infrastructure projects 2008-2009

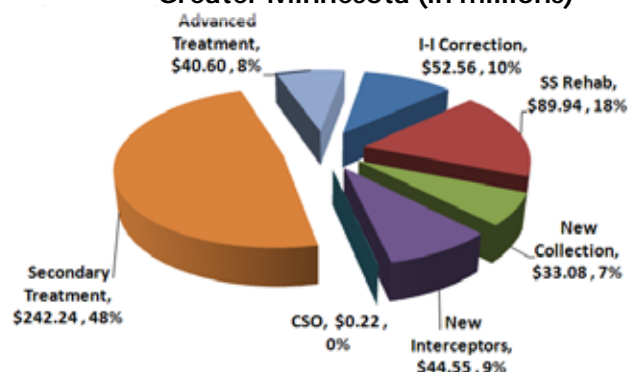
During the two year period from January 1, 2008, through December 31, 2009, a total of 310 wastewater infrastructure projects were completed throughout Minnesota for a total cost of \$850.56 million. Chart 9 indicates the distribution of costs and number of projects between Greater Minnesota, MCES and MCES service area communities (costs are in millions of dollars). Note that costs are overall totals for projects completed during the time period indicated, projects may have been initiated and costs incurred prior to January 1, 2008.

**Chart 9: Distribution of \$850.56 of
Completed Projects between Greater
Minnesota, MCES & MCES Service
Area Communities (in millions)**



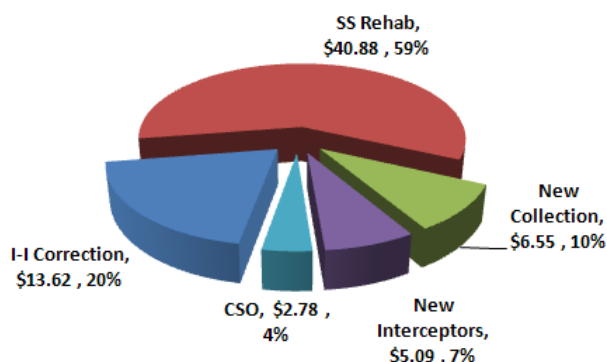
As indicated by Chart 10 in Greater Minnesota, during the two year period from January 1, 2008 through December 31, 2009, construction activities were focused primarily on the rehabilitation, expansion and improvement of “Secondary Treatment.”

Chart 10: Distribution of \$504.14 of Completed Projects in Greater Minnesota (in millions)



As indicated by Chart 11 the construction activities of MCES Service Area Communities from January 1, 2008 through December 31, 2009, were focused primarily on sewer rehabilitation

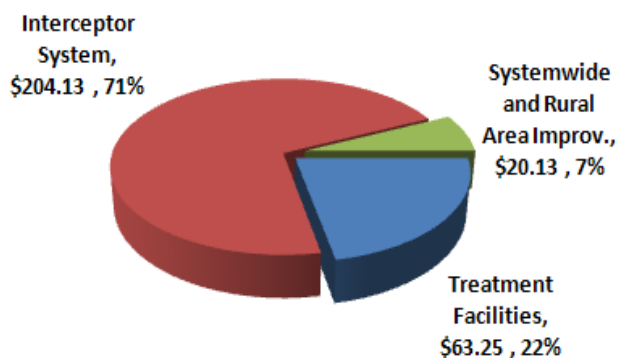
Chart 11: Distribution of \$504.14 of Completed Projects in the MCES Service Area (in millions)



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

As indicated by Chart 12 the construction activities of MCES Service Area Communities from January 1, 2008 through December 31, 2009, were focused primarily on interceptor system rehabilitation, expansion and improvements.

Chart 12: Distribution of MCES Capital Improvement Projects



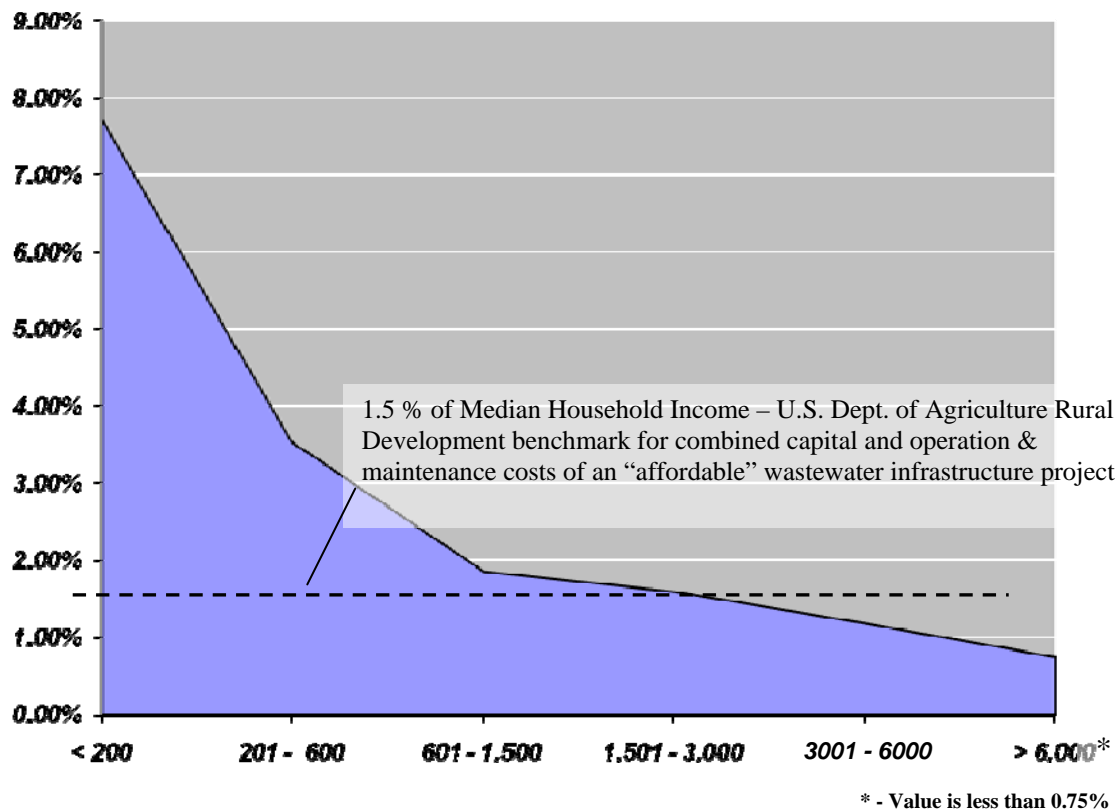
Wastewater Infrastructure Needs, Household Costs and Affordability

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, treatment facilities expansion is being funded by industrial development, in which case the residential share of a project could be considerably less than 90 percent.
- With sewer system collection or interceptor costs, affordability figures assume that such costs are spread across the entire community at 90 percent for residential connections, whereas such costs may in fact be localized and limited within communities and paid according to special assessments.

Chart 13 below 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 a potential concern for communities with populations less than 3,000 and is frequently an immediate and pressing concern for communities with populations less than 600.

**Chart 13: Current Wastewater Infrastructure Projects:
Average Household Capital and Operational Cost as a Percentage
of Median Household Income for Communities
of Various Population Ranges**



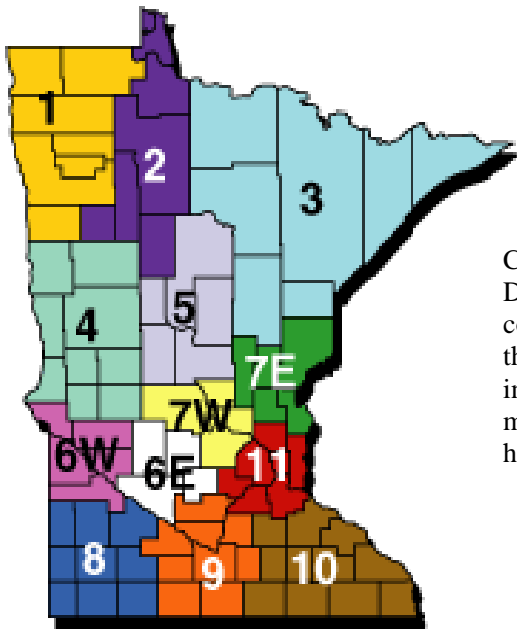
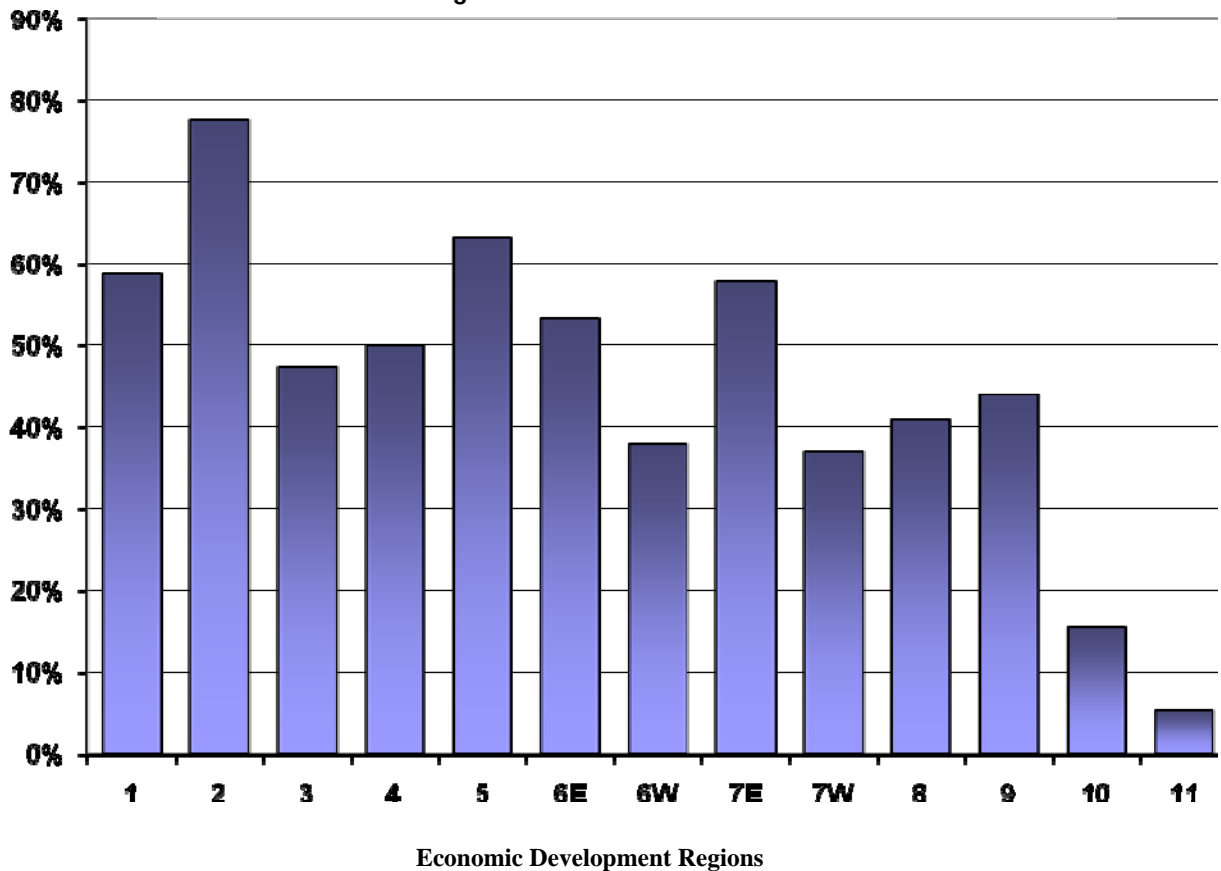


Chart 14 below indicates within each Economic Development Region (EDR) the percentage of communities responding to the WINS survey where the cost of paying for current (0 - 5 yrs.) wastewater infrastructure needs along with operating and maintenance costs exceed 1.5 percent of median household income.

Chart 14: Percentage of Communities with Wastewater Infrastructure Needs Exceeding 1.5% of Median Household Income



Age and 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."⁴ The report notes that many collection systems have reached the end of their useful lives and blocked or broken pipes result in the release of raw sewage. The report goes on to cite estimates that a national investment of \$390 billion will be required over the next 20 years to replace existing systems and build new ones to meet increasing demands. How does Minnesota compare to the rest of the nation when it comes to the age and condition of our existing wastewater infrastructure?

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

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

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

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

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

⁴ Available at the ASCE Web site: <http://www.asce.org/reportcard/2005/page.cfm?id=35>

**Chart 15: Greater Minnesota - Age of Collection Sewer Systems
(678 Facilities surveyed)**

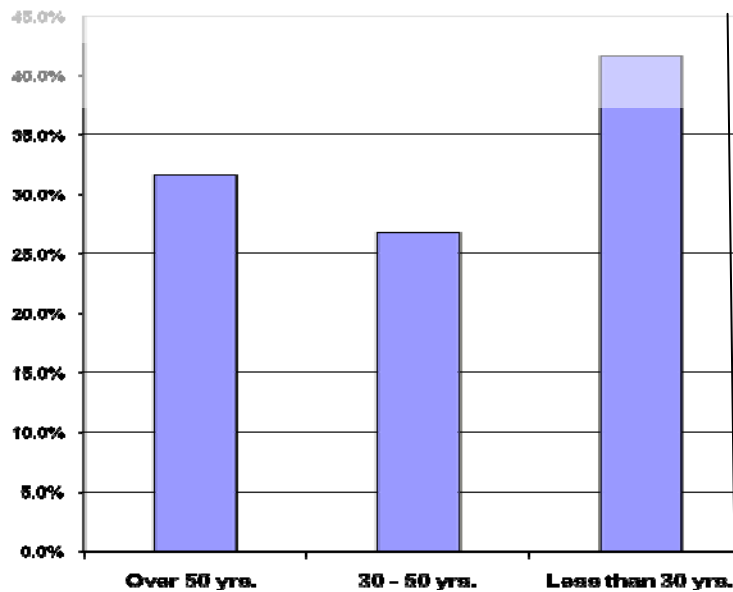
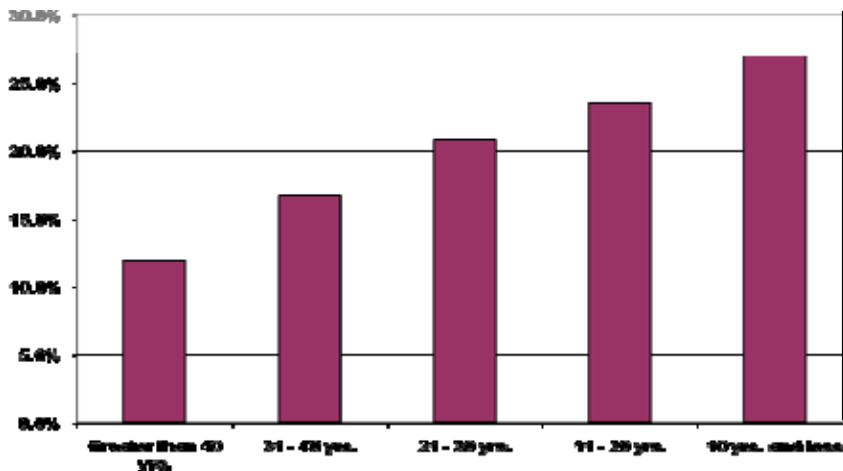


Chart 16 “Greater Minnesota Age of Wastewater Treatment Facilities” indicates the age of treatment facilities in Greater Minnesota.

**Chart 16: Greater Minnesota - Age of Wastewater Treatment
Facilities (678 Facilities surveyed)**

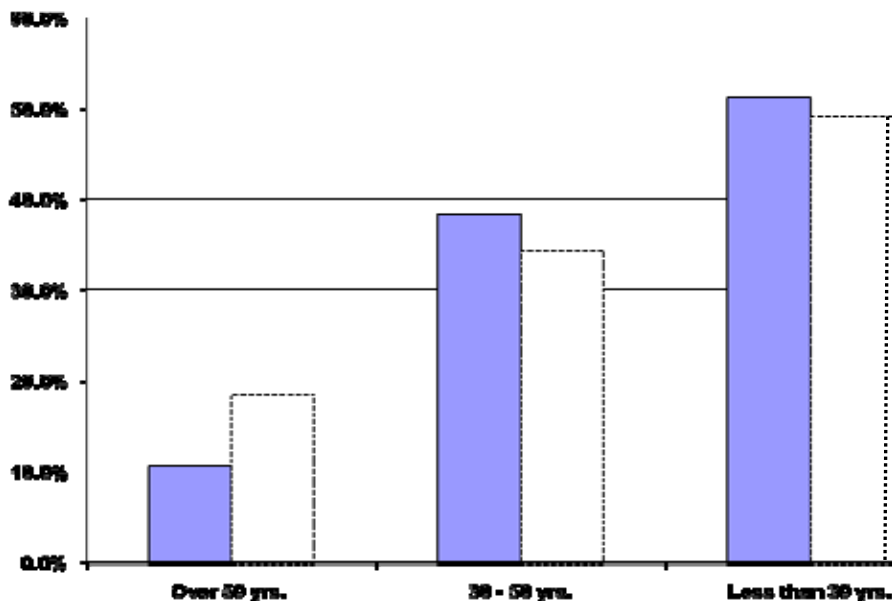


Major structural components of wastewater treatment facilities have an expected useful life of 40 years – dependent in part on operation and maintenance. As these structures deteriorate beyond their useful life, effectiveness declines leading to a greater potential for: permit violations, spills and related unintended discharges. While at this point in time, close to 12 percent of Greater Minnesota’s treatment facilities are over 40 years old, in 10 years, without reconstruction projects, the percentage would reach approximately 30 percent. This scenario would likely result in significantly increased infrastructure demands and costs.

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

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

Chart 17: MCES Communities (Excluding MSP) - Age of Collection Sewer Systems (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, 10 percent 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 economies of scale of the communities involved this would seem to be a manageable need.

Impaired Waters and TMDLs

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

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

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

To date, about 40 percent of the waters that have been assessed in Minnesota are impaired by one or more pollutants (this is consistent with the findings of other states). As more data is gathered, the number of polluted water listings has been growing. In fact, the draft 2010 impaired waters lists (EPA approval expected in April, 2010) contains a total of 3,049 impaired lakes, river and stream segments. To date, TMDL studies have been completed on nearly 1,200 impaired waters and implementation activities are underway.

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

On November 4, 2008, Minnesota voters approved the **Clean Water Land and Legacy Amendment** to the constitution. The Amendment increases the sales and use tax rate by three-eighths of one percent on taxable sales, starting July 1, 2009, continuing through 2034. Of those funds, approximately 33 percent will be dedicated to a Clean Water Fund to protect, enhance, and restore water quality in lakes, rivers, streams, and groundwater, with at least 5 percent of the fund targeted to protect drinking water sources.

A total of \$150.8 million was appropriated to the Clean Water Fund for the FY 2009-2010 biennium. In terms of meeting TMDL wastewater requirements, this appropriation included \$21.6 million for the TMDL grants program. The TMDL grants program is administered by the Public Facilities Authority and it provides grants to assist municipalities to meet added wastewater or stormwater requirements to comply with waste load reductions needed to meet TMDL implementation plan requirements. For more information on this and other biennial appropriations to the Clean Water Fund, see a fact sheet online at <http://www.pca.state.mn.us/publications/leg-09sy1-04.pdf>.

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.

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 5 years)
- 5 – 10 year needs
- 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
- Estimate project costs, including architectural and engineering specifications, construction costs planning and project administration.

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

Appendices to 2010 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 2010 at the MPCA web site:

<http://www.pca.state.mn.us/hot/legislature/reports/2010/index.html>

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 1		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Kittson	Kennedy	255 \$0.10
		\$0.10
Marshall	Argyle	656 \$1.93
	Grygla	228 \$0.15
	Middle River	319 \$0.57
	Oslo	347 \$0.58
	Stephen	708 \$3.00
	Warren	1,678 \$1.71
		\$7.93
Norman	Perley	121 \$1.40
		\$1.40
Pennington	St Hilaire	272 \$1.91
		\$1.91
Polk	Climax	243 \$1.20
	Crookston	8,192 \$1.19
	East Grand Forks	7,501 \$11.49
	Fertile	893 \$0.63
	Fosston	1,575 \$2.74
	McIntosh	388 \$2.11
	Mentor	150 \$1.85
	Nielsville	91 \$0.15
		\$21.35

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Roseau

Greenbush	334	\$0.28
Lake Township (Warroad area	. . . . .	\$11.47
Warroad	1,722	\$6.75
		<hr/> \$18.50

Economic Development Region: 1

Total Estimated Costs to address identified needs: \$51.20 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 10		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Dodge		
	Kasson 4,398	\$0.89
	Mantorville 1,054	\$1.75
		\$2.64
Fillmore		
	Fountain 343	\$2.63
	Mabel 766	\$0.60
	Ostrander 212	\$0.54
	Rushford 1,696	\$1.50
	Whalan	\$1.01
		\$6.28
Filmore		
	Chatfield 2,394	\$0.20
		\$0.20
Freeborn		
	Albert Lea 18,356	\$6.39
	Freeborn County - Stables Are	\$5.40
	Hartland 288	\$0.34
	Manchester 81	\$1.60
	Myrtle 63	\$2.00
		\$15.73
Goodhue		
	Cannon Falls 3,795	\$5.00
	Dennison 168	\$0.06
	Kenyon 1,661	\$1.05
	Pine Island 2,337	\$0.74

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** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Red Wing	16,116	\$14.59
	Wanamingo	1,007	\$0.50
			<hr/>
			\$21.94
Houston			
	Brownsville	517	\$1.21
	Caledonia	2,965	\$4.45
	La Crescent	4,923	\$0.80
			<hr/>
			\$6.46
Mower			
	Austin	23,314	\$16.23
	Lansing Twp	. . . . .	\$3.20
	Lansing Twp 2 (Woodhaven,	. . . . .	\$3.20
	Le Roy	925	\$3.50
	Racine	355	\$0.61
	Red Rock Township - Nicolvil	. . . . .	\$0.42
			<hr/>
			\$27.15
Olmsted			
	Byron	3,500	\$0.40
	Dover - Eyota - St Charles San	. . . . .	\$16.61
	Eyota	1,644	\$0.10
	Rochester	91,264	\$106.25
	Stewartville	5,411	\$3.60
			<hr/>
			\$126.96
Rice			
	Faribault	20,818	\$27.97
	Lonsdale	1,491	\$8.40
	Northfield	11,798	\$7.19
			<hr/>
			\$43.56
Steele			
	Aurora Twsp - Bixby	\$0.23

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** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Blooming Prairie	1,933	\$1.88
	Ellendale	590	\$0.96
	Meriden Township	. . . . .	\$1.62
	Owatonna	22,434	\$15.00
			<hr/>
			\$19.69
Wabasha			
	Mazeppa	80	\$2.00
	Wabasha	2,599	\$0.09
	Zumbro Falls	177	\$0.75
			<hr/>
			\$2.84
Winona			
	Goodview	3,373	\$3.97
	Lewiston	1,484	\$1.10
	Minnesota City	235	\$2.50
	Stockton	682	\$3.05
			<hr/>
			\$10.62
Wright			
	Hanover	1,355	\$10.47
	Rockford	3,484	\$2.30
			<hr/>
			\$12.77
<hr/>			
Economic Development Region: 10			
Total Estimated Costs to address identified needs:		\$296.84	million
<hr/>			

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 11		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Anoka		
	Andover 26,588	\$5.04
	Bethel 443	\$5.00
	Coon Rapids 61,607	\$5.28
	East Bethel 10,941	\$10.35
	Fridley 27,449	\$5.28
	Ham Lake 12,710	\$2.00
	Lino Lakes 16,791	\$0.40
	St Francis 4,910	\$12.00
	St Francis East 4,910	\$8.51
	St Francis West 4,910	\$5.05
		\$58.91
Carver		
	Carver 1,266	\$3.72
	Chanhassen 20,321	\$10.61
	Chaska 17,449	\$3.00
	Cologne 1,012	\$2.40
	Hamburg 538	\$4.19
	Mayer 404	\$0.64
	New Germany 450	\$6.96
	Norwood Young America 3,108	\$0.09
	Victoria 4,025	\$0.25
	Waconia 6,814	\$1.35
	Watertown 3,029	\$9.40
		\$42.60

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** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS) **Communities Providing Estimates of Future Wastewater Infrastructure Costs** **Summarized by Economic Development Regions and Counties***

Dakota

Apple Valley	45,527	\$0.70
Burnsville	60,220	\$0.90
Eagan	63,557	\$0.11
Farmington	12,365	\$8.88
Hampton	434	\$1.05
Hastings	18,204	\$1.55
Lakeville	43,128	\$1.95
Randolph	318	\$3.72
West St Paul	. . . . .	\$0.17
		<hr/> \$19.03

Hennepin

Brooklyn Park	67,388	\$9.50
Dayton	4,699	\$16.50
Eden Prairie	54,901	\$0.20
Edina	47,425	\$1.87
Excelsior	2,393	\$0.12
Golden Valley	20,281	\$17.10
Hopkins	17,145	\$0.44
Long Lake	1,842	\$0.34
Maple Plain	2,088	\$0.44
Minneapolis	382,618	\$75.50
Minnetonka	51,301	\$0.50
Minnetrista	4,358	\$0.39
Mound	9,435	\$7.20
Plymouth	65,894	\$20.05
Richfield	34,439	\$0.72
Rogers	3,588	\$11.20

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** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Shorewood	7,400	\$0.55
	St Louis Park	44,126	\$1.02
	Tonka Bay	1,547	\$4.14
	Wayzata	4,113	\$1.37
			<hr/>
			\$169.13
Metro Counties			
	MCES - Metro Council Env. S	0	\$1,940.25
			<hr/>
			\$1,940.25
Ramsey			
	Maplewood	34,947	\$1.30
	Roseville	33,690	\$4.00
	Shoreview	25,924	\$5.26
	St Paul	287,151	\$219.00
	White Bear Twnshp	. . . . .	\$1.11
			<hr/>
			\$230.66
Scott			
	Belle Plaine	3,789	\$15.20
	Elko New Market	. . . . .	\$11.45
	Jordan	3,833	\$4.30
	New Prague	116	\$0.15
	Prior Lake	15,917	\$0.75
	Shakopee	20,568	\$1.61
			<hr/>
			\$33.46
Washington			
	Lake Elmo	6,863	\$17.10
	Mahtomedi	7,563	\$11.54
	Marine on St Croix	\$0.05
	Newport	1,197	\$0.95
	St Paul Park	5,070	\$5.40

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** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Stillwater	15,143	\$0.60
Woodbury	46,463	\$1.78
		\$37.42
<hr/>		
Economic Development Region: 11		
Total Estimated Costs to address identified needs: \$2,531.47 million		
<hr/>		

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number)		2
County	Community/ Population**	Estimated Project Cost(s) (millions)
Beltrami		
	Bemidji 11,917	\$7.97
	Blackduck 696	\$2.78
	Kelliher 294	\$0.27
	Northern Township 4,021	\$7.62
		<hr/> \$18.64
Clearwater		
	Gonvick 294	\$0.50
		<hr/> \$0.50
Hubbard		
	Akeley 412	\$3.00
	Laporte 145	\$0.35
	Park Rapids 991	\$2.29
		<hr/> \$5.64
Lake of the Woods		
	Lake of the Woods County -	\$7.00
	Williams 210	\$0.53
		<hr/> \$7.54
Mahnomen		
	Mahnomen 1,202	\$2.21
		<hr/> \$2.21
Economic Development Region: 2		
Total Estimated Costs to address identified needs:		\$34.52 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: 2009 Wastewater Infrastructure Needs Survey (WINS)

Communities Providing Estimates of Future Wastewater Infrastructure Costs

Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 3		
County	Community/ Population**	Estimated Project Cost(s) (millions)
	Alborn Township	\$1.00
		\$1.00
Aitkin		
	Aitkin 1,984	\$5.83
	Hill City 479	\$0.60
	McGrath 74	\$0.50
	Palisade 118	\$0.83
		\$7.76
Carlton		
	Carlton 810	\$0.25
	Cloquet 11,201	\$0.42
	Cromwell 143	\$0.35
	Moose Lake 2,239	\$4.57
	Scanlon 838	\$0.97
	Wrenshall 308	\$0.16
	Wright 93	\$0.80
		\$7.53
Cook		
	Grand Marais 1,353	\$0.78
		\$0.78
Itasca		
	Bigfork 469	\$1.51
	Bovey 662	\$0.45
	Calumet 383	\$2.23
	Cohasset 2,481	\$2.00

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Coleraine	1,110	\$0.60
	Coleraine, Bovey, Taconite Jo	. . . . .	\$10.38
	Deer River	903	\$1.48
	Grand Rapids	7,764	\$36.78
	Keewatin	1,164	\$0.51
	Marble	695	\$0.31
	Nashwauk	935	\$4.00
	Warba	183	\$2.28
			<hr/>
			\$62.52
Koochiching			
	Big Falls	264	\$1.10
	Koochiching County	. . . . .	\$11.15
	Littlefork	680	\$0.65
	Northome	230	\$5.00
			<hr/>
			\$17.90
Lake			
	Beaver Bay	175	\$1.92
	Knife River-Larsmont Sanitar	0	\$9.00
			<hr/>
			\$10.92
St. Louis			
	Aurora	1,850	\$0.63
	Big Lake Area Sanitary Distri	. . . . .	\$10.00
	Biwabik	954	\$5.36
	Buhl	983	\$1.71
	Canosia & Grand Lake Towns	. . . . .	\$4.40
	Central Iron Range Sanitary D	. . . . .	\$13.40
	Chisholm	4,960	\$3.70
	Cook	622	\$0.04
	Cotton Township	. . . . .	\$0.65

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Crane Lake Water & Sanitary		\$3.86
Duluth	86,918	\$50.00
Duluth/NS Phase 2 (Knife Riv		\$1.76
Ely	3,724	\$3.94
Eveleth	3,865	\$6.35
Franklin	498	\$1.92
French Twnshp - Wall Street		\$0.26
Gilbert	1,847	\$2.10
Hermantown	7,448	\$1.65
Hibbing	17,071	\$25.50
Iron Junction	93	\$1.91
Mountain Iron	2,999	\$0.77
Rice Lake Township	0	\$4.89
Silver Creek Township - Castl		\$3.61
Silver Creek Township - Stew	0	\$5.30
St Louis County - Midway To		\$2.30
Tower	479	\$2.04
Tower & Breitung Wastewater	0	\$4.40
Virginia	9,157	\$20.00
Western Lake Superior Sanitar	0	\$158.09
White Township		\$0.32
Winton	185	\$0.39
		<hr/> \$341.24

Economic Development Region: 3

Total Estimated Costs to address identified needs: \$449.65 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number)			4
County	Community/ Population**		Estimated Project Cost(s) (millions)
Becker			
	Detroit Lakes	7,348	\$1.50
	Frazee	1,377	\$0.83
	Lake Park	782	\$2.34
			<hr/> \$4.66
Clay			
	Barnesville	2,173	\$1.44
	Felton	216	\$1.90
	Glyndon	1,049	\$1.00
	Hawley	1,882	\$0.72
	Hitterdal	201	\$0.83
	Moorhead	32,177	\$17.14
			<hr/> \$23.02
Douglas			
	Alexandria Lakes Area Sanitar	. . . . .	\$15.55
	Brandon	450	\$1.80
	Evansville	566	\$0.85
	Garfield	281	\$7.20
	Miltona	279	\$2.02
			<hr/> \$27.42
Grant			
	Ashby	472	\$1.90
	Elbow Lake	1,275	\$1.50
	Pelican Group of Lakes Impro	0	\$16.95
			<hr/> \$20.35
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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	Dalton	258	\$0.13
	Deer Creek	328	\$0.31
	Dent	192	\$2.00
	Henning	719	\$3.10
	New York Mills	3,715	\$2.20
	Ottertail	451	\$3.76
	Parkers Prairie	3,276	\$0.64
	Pelican Rapids	2,374	\$2.20
	Perham	2,559	\$6.40
			<hr/>
			\$20.74
Pope			
	Glenwood	2,594	\$2.20
	Lowry	271	\$3.70
	Pope County - Lk Minnewask	. . . . .	\$15.25
	Starbuck	1,314	\$1.05
	Villard Area Lakes Sanitary D	0	\$8.91
			<hr/>
			\$31.11
Stevens			
	Morris	5,068	\$0.75
			<hr/>
			\$0.75
Traverse			
	Browns Valley	690	\$0.07
	Wheaton	1,619	\$5.46
			<hr/>
			\$5.53
Wilkin			
	Breckenridge	3,559	\$4.20
	Doran	59	\$0.98
	Rothsay	497	\$2.73
			<hr/>
			\$7.91

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region: 4

Total Estimated Costs to address identified needs: \$141.47 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 5		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Cass		
	Backus 311	\$3.20
	Cass Lake 860	\$1.30
	Longville 180	\$0.63
		\$5.13
Crow Wing		
	Baxter 5,555	\$7.00
	Brainerd 13,178	\$1.54
	Brainerd-Baxter	\$26.00
	Breezy Point 979	\$1.43
	Deerwood 590	\$0.29
	Nisswa 1,953	\$8.12
	Pequot Lakes 947	\$5.55
		\$49.93
Morrison		
	Motley 585	\$3.00
	Royalton 816	\$1.90
	Upsala 424	\$0.16
		\$5.06
Todd		
	Bertha 470	\$4.76
	Browerville 735	\$5.69
	Burtrum 146	\$0.90
	Clarissa 609	\$0.19
	Staples 3,104	\$2.75
		\$14.29

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Wadena

Menahga	1,220	\$2.12
Sebeka	710	\$0.60
Verndale	575	\$1.58
Wadena	4,294	\$16.80
		\$21.10

Economic Development Region: 5

Total Estimated Costs to address identified needs: \$95.50 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 6E		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Kandiyohi		
	Atwater 1,079	\$1.02
	Blomkest 186	\$3.30
	Kandiyohi 555	\$10.79
	Kandiyohi County - Diamond	\$6.82
	Kandiyohi County - Henderso	\$2.10
	Whitefield Township - Svea	\$1.11
	Willmar 18,351	\$8.83
		\$33.96
McLeod		
	Brownton 807	\$1.01
	Hutchinson 13,080	\$1.00
	Lester Prairie 1,377	\$0.21
	Silver Lake 761	\$1.50
	Stewart 564	\$11.77
	Winsted 2,094	\$5.11
		\$20.60
Meeker		
	Darwin 276	\$2.84
	Dassel 1,233	\$7.75
	Eden Valley 866	\$1.30
	Forest City Township	\$0.39
	Grove City 608	\$5.35
	Litchfield 6,562	\$14.86
		\$32.48
Renville		

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Fairfax	1,295	\$0.22
Foxhome	143	\$0.75
Hector	1,166	\$5.01
Morton	442	\$4.07
Olivia	2,570	\$6.46
Renville	1,323	\$7.12
		\$23.63
<hr/>		
Economic Development Region: 6E		
Total Estimated Costs to address identified needs:		\$110.68 million
<hr/>		

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 6W		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Big Stone		
	Barry 25	\$0.14
	Graceville 605	\$0.10
	Odessa 113	\$1.40
	Ortonville 2,158	\$1.31
		\$2.95
Chippewa		
	Watson 209	\$3.18
		\$3.18
Lac qui Parle		
	Bellingham 205	\$0.28
	Dawson 1,539	\$5.20
	Louisburg 26	\$0.45
	Madison 1,768	\$0.04
		\$5.97
Swift		
	Benson 3,376	\$0.67
	Murdock 303	\$0.50
		\$1.17
Yellow Medicine		
	Canby 1,903	\$5.30
	Clarkfield 944	\$1.22
	Granite Falls 3,070	\$1.58
	Hanley Falls 323	\$0.40
		\$8.50
<hr/>		
Economic Development Region: 6W		
Total Estimated Costs to address identified needs:		\$21.75 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 7E		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Chisago		
	Amador Township-Almelund	\$2.20
	Lindstrom 3,015	\$1.83
	North Branch 8,023	\$9.00
	Shafer 343	\$1.87
	Wyoming 3,048	\$1.35
		\$16.24
Isanti		
	Braham 1,276	\$2.16
	Cambridge 5,520	\$17.19
	Isanti 2,324	\$5.65
		\$25.00
Kanabec		
	Mora 3,193	\$3.76
	Ogilvie 474	\$3.63
	Quamba 98	\$1.46
		\$8.85
Mille Lacs		
	Milaca 2,580	\$13.14
	Onamia 847	\$0.12
	Pease 163	\$0.40
	Princeton 3,933	\$16.11
		\$29.76
Pine		
	Askov 368	\$4.85
	Bruno 102	\$2.68

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Hinckley	1,291	\$0.26
Pine City	3,043	\$30.12
Rutledge	196	\$1.29
Sandstone	1,549	\$17.83
Willow River	309	\$2.23
		<hr/> \$59.26

Economic Development Region: 7E

Total Estimated Costs to address identified needs: \$139.10 million

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 7W		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Benton		
	Foley 2,154	\$25.25
	Gilman 215	\$0.01
	Sauk Rapids 10,213	\$7.06
		\$32.31
Sherburne		
	Big Lake 6,063	\$26.78
	Clear Lake 266	\$0.45
	Clear Lake/Clearwater Sewer	\$1.31
	Elk River 16,447	\$12.28
	Zimmerman 2,851	\$3.08
		\$43.90
Stearns		
	Albany 1,796	\$2.00
	Avon 1,242	\$0.10
	Brooten 649	\$0.32
	Cold Spring 2,975	\$6.29
	Freeport 454	\$0.10
	Kimball 635	\$2.53
	Melrose 3,091	\$3.00
	New Munich 4,559	\$0.58
	Paynesville 2,267	\$5.90
	Richmond 1,213	\$0.57
	Sartell 9,641	\$22.46
	Sauk Centre 3,930	\$9.70

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

	St Cloud	59,107	\$55.49
	St Joseph	4,681	\$8.93
	St Martin	278	\$3.00
	St Stephen	860	\$9.52
			<hr/>
			\$130.50
Wright			
	Albertville	3,621	\$2.28
	Cokato	2,727	\$4.40
	Delano	3,837	\$2.00
	Howard Lake	1,853	\$10.20
	Monticello	7,868	\$17.37
	Montrose	1,143	\$8.21
	St Michael	9,099	\$24.42
			<hr/>
			\$68.88
<hr/>			
Economic Development Region: 7W			
Total Estimated Costs to address identified needs:		\$275.59	million
<hr/>			

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 8		
County	Community/ Population**	Estimated Project Cost(s) (millions)
Cottonwood		
	Windom 4,490	\$0.50
		\$0.50
Jackson		
	Jackson 3,501	\$0.73
	Jackson County - Loon Lake	\$1.10
		\$1.83
Lincoln		
	Ivanhoe 679	\$0.40
	Lake Benton 703	\$2.74
		\$3.14
Lyon		
	Cottonwood 1,148	\$1.69
	Marshall 12,778	\$3.00
	Minneota 1,449	\$2.65
	Tracy 2,268	\$5.25
		\$12.59
Murray		
	Fulda 1,283	\$0.30
	Hadley 81	\$1.15
	Lime Creek	\$0.28
		\$1.73
Nobles		
	Bigelow 231	\$2.60
	Dundee 102	\$0.84
	Ellsworth 540	\$0.56
	Worthington 11,283	\$3.86

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

		<hr/> \$7.87
Pipestone		
	Ihlen 107	\$0.34
	Pipestone 4,280	\$13.90
	Trosky 116	\$0.65
		<hr/> \$14.89
Redwood		
	Lamberton 859	\$2.65
	Lucan 226	\$0.60
	Milroy 271	\$0.50
	Morgan 903	\$7.02
	Redwood Falls 5,459	\$1.40
	Seaforth 77	\$0.99
	Walnut Grove 599	\$2.90
		<hr/> \$16.05
Rock		
	Luverne 4,617	\$2.57
		<hr/> \$2.57
<hr/>		
Economic Development Region: 8		
Total Estimated Costs to address identified needs:		\$61.17 million
<hr/>		

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Economic Development Region (Number) 9

County	Community/ Population**	Estimated Project Cost(s) <i>(millions)</i>
Blue Earth		
	Lake Crystal 2,420	\$1.01
	Mankato 32,427	\$11.71
	South Bend Twnshp	\$3.56
	Vernon Center 359	\$1.40
		\$17.67
Brown		
	Comfrey 367	\$1.70
	Evan 91	\$0.03
	Sleepy Eye 3,515	\$1.20
		\$2.93
Faribault		
	Blue Earth 3,621	\$3.05
	Bricelyn 379	\$1.50
	Easton 214	\$0.90
	Elmore 735	\$4.60
	Faribault County	\$1.07
	Wells, Easton, Minnesota Lak	\$1.50
	Winnebago 1,487	\$0.10
		\$12.71
Le Sueur		
	Elysian 486	\$0.20
	Le Center 2,240	\$7.13
	Le Sueur 3,922	\$0.30
	Waterville 1,833	\$2.16
		\$9.79

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

** Population from 2000 Census.

Appendix 1: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

Martin		
Sherburn	1,082	\$0.90
Trimont	754	\$6.13
Truman	1,259	\$0.82
Welcome	721	\$0.95
		<hr/>
		\$8.80
Nicolett		
Essig	0	\$0.97
		<hr/>
		\$0.97
Nicollet		
Lafayette	529	\$1.46
North Mankato	3,883	\$2.70
		<hr/>
		\$4.16
Sibley		
Arlington	2,048	\$7.75
Gaylord	2,279	\$0.52
		<hr/>
		\$8.27
Waseca		
New Richland	1,359	\$0.36
Waldorf	242	\$1.31
Waseca	8,493	\$16.11
		<hr/>
		\$17.78
Watsonwan		
Butterfield	564	\$3.02
La Salle	90	\$1.66
Lewisville	274	\$1.79
Madelia	2,340	\$1.00
Odin	125	\$3.48
Ormsby	154	\$1.80
St James	4,695	\$11.01

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS)
Communities Providing Estimates of Future Wastewater Infrastructure Costs
Summarized by Economic Development Regions and Counties*

			\$23.76
<hr/>			
Economic Development Region: 9			
Total Estimated Costs to address identified needs:	\$106.85	million	
<hr/>			

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

** Population from 2000 Census.

**Appendix 2: 2009 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 2010 PPL Listed - Rank</i>	
--- Current ---					
2nd Ave SW Sewer/water		1.433		Sewer System Project	
1st Street NW Sanitary Sewer Reconstruction		0.5		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
1.933	\$148,601		\$149.93	0.610%	
--- 5 - 10 yr. ---					
Sanitary Sewer Reconstruction		0.95		Sewer System Project	
Highways 169 & 210 Sewer Rehabilitation		0.485		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
1.435	\$110,317		\$111.31	0.453%	
--- 10 - 20 yr. ---					
Industrial Park/NE Sewer Improvements (County 54)		0.29		Sewer System Project	
Sanitary Sewer Improvements		2.175		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
2.465	\$189,499		\$191.20	0.778%	
Overall cost of projects identified as of January 1, 2010 by the community of Aitkin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					5.833 (million)

Akeley	COUNTY: Hubbard	POPULATION*:	412	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,719
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Waste Water Treatment Expansion and Rehabilitation	1.5	Wastewater Treatment Facilities Project
Waste Water Collection Expansion and Rehabilitation	1.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
3	\$230,628	\$1,159.58
		Annual Household Cost as % MHI
		4.340%
Overall cost of projects identified as of January 1, 2010 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)

Albany	COUNTY: Stearns	POPULATION*: 1,796	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,577
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2002-03 Capital Impr. Project (Lake Ave - 1st St to 3rd	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	\$195.45	0.619%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Albany</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>2 (million)</i>	

Albert Lea	COUNTY: Freeborn	POPULATION*: 18,356	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,500
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Park Avenue Reconstruction	0.23	Sewer System Project	
Project No. 0301	0.383	Sewer System Project	
Northwest Water and Sewer Extension	2.1	Sewer System Project	
West Main Street Sanitary Sewer Extension	0.12	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Lake Avenue Reconstruction -Clark to William	0.02	Sewer System Project	
Mycis Road Reconstruction	0.35	Sewer System Project	
Stevens Street Sewer Upgrade	0.088	Sewer System Project	
East Side Sewer System Upgrades	1.4	Sewer System Project	
Replace Aeration Blower	1.1	Wastewater Treatment Facilities Project	
Effluent Filter Replacement	0.1	Wastewater Treatment Facilities Project	
Rehabilitate Digester Heating System	0.25	Wastewater Treatment Facilities Project	
777th Avenue Construction	0.25	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.391	\$491,315	\$56.80	0.131%
Overall cost of projects identified as of January 1, 2010 by the community of		Albert Lea	
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		6.391 (million)	

Albertville	COUNTY: Wright	POPULATION*: 3,621	MEDIAN HOUSEHOLD INCOME (MHI)*: \$58,260
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Greenhaven Sewer Extension	0.45	Sewer System Project	
Industrial Park Lift Station Upgrade	0.85	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.3	\$99,939	\$69.89	0.120%
--- 5 - 10 yr. ---			
Main Ave. Reconstruct	0.44	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>
0.44	\$33,825	\$23.65	0.041%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- 10 - 20 yr. ---

Future Projects (Sanitary Sewer)	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>
0.54	\$41,513	\$29.03	0.050%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Albertville</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.28 (million)</i>

Alborn Township	COUNTY:	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Alborn Township		1.0042	SFY 2009 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***</i>	<i>Annual Household Cost as % MHI</i>
1.0042	\$77,199		
<i>Overall cost of projects identified as of January 1, 2010 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*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
AGA Drive - Interceptor Improvements		0.708	SFY 2010 PPL Sewer System Project / Rank: 203
Aroebic Digester Cell		2.205	SFY 2009 PPL Treatment Facilities Project / Rank: 205
CR 82 - Interceptor Improvements		1.32	SFY 2010 PPL Sewer System Project / Rank: 204
TH29 - Interceptor Improvements		1.315	SFY 2010 PPL Sewer System Project / Rank: 206

* 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: 2009 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>
5.548	\$426,508		
--- 5 - 10 yr. ---			
Interceptor Sewer Improvement		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		
--- 10 - 20 yr. ---			
Year 2008 Treatment Expansion		8	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8	\$615,008		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Alexandria Lakes Area Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			15.548 (million)

Amador Township-Al	COUNTY: Chisago	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Replace Mounds		2.2	SFY 2009 PPL Treatment Facilities Project / Rank: 263
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.2	\$169,127		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Amador Township-Almelund SSD as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.2 (million)

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Andover	****	COUNTY: Anoka	POPULATION*: 26,588	MEDIAN HOUSEHOLD INCOME (MHI)*: \$76,241	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
On-Going New Development Projects			0.065	Sewer System Project	
Crosstown Boulevard Trunk sewer line			0.4	Sewer System Project	
Yellow Pine lift station			0.65	Sewer System Project	
Bunker Lake Blvd. Sanitary Sewer			0.42	Sewer System Project	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.535		\$118,005	\$13.10	0.017%	
--- 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, 2010 by the community of Andover as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					5.035 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Andover					
Apple Valley	****	COUNTY: Dakota	POPULATION*: 45,527	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,752	
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Lift Station No. 2			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	\$1.42	0.002%	
<p>* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.</p> <p>** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.</p> <p>*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..</p>					
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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2010 by the community of Apple Valley
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.7 (million)*

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

Argyle	COUNTY: Marshall	POPULATION*:	656	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,154
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2010 Sewer/Water Rehabilitation		1.93		SFY 2010 PPL Sewer System Project / Rank:	37
<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>	
1.93	\$148,371		\$523.66	1.448%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Argyle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.93 (million)</i>					

Arlington	COUNTY: Sibley	POPULATION*:	2,048	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,632
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Digester Improvements		0.45		Wastewater Treatment Facilities Project	
Horseshoe Drive and Circle Lane		0.897		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>	
1.347	\$103,552		\$112.56	0.299%	
--- 5 - 10 yr. ---					
Arlington wastewater treatment facility improvements pr		6.4		SFY 2009 PPL Treatment Facilities Project / Rank:	42
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
6.4	\$492,006		\$534.79	1.421%	

* 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: 2009 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, 2010 by the community of **Arlington**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **7.747 (million)**

Ashby Project(s)	COUNTY: Grant	POPULATION*: <i>Cost Estimate (millions)</i>	472	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,333 <i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
New Sanitary Sewers - Eliminate I & I		1.9	SFY 2010 PPL Sewer System Project / Rank: 107	
<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>
1.9	\$146,064		\$710.58	2.508%

Overall cost of projects identified as of January 1, 2010 by the community of **Ashby**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.9 (million)**

Askov Project(s)	COUNTY: Pine	POPULATION*: <i>Cost Estimate (millions)</i>	368	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,472 <i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
New Treatment Facility		4.85	SFY 2009 PPL Treatment Facilities Project / Rank: 100	
<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>
4.85	\$372,849		\$2,033.72	7.143%

Overall cost of projects identified as of January 1, 2010 by the community of **Askov**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **4.85 (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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Atwater	COUNTY: Kandiyohi	POPULATION*:	1,079	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,265
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
4th Street South		1.017		SFY 2010 PPL Sewer System Project / Rank:	20
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.017	\$78,183	\$152.63	0.389%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Atwater as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					1.017 (million)

Aurora	COUNTY: St. Louis	POPULATION*:	1,850	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,094
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehabilitation of Treatment Plant - Phase III		0.625		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>		
0.625	\$48,048	\$53.25	0.166%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Aurora as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.625 (million)

Aurora Twsp - Bixby	COUNTY: Steele	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered - New Collection		0.112		SFY 2009 PPL Unsewered Area Project / Rank:	21

* 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

Unsewered - New Treatment	0.113	SFY 2009 PPL Unsewered Area Project / Rank: 21
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>
0.225	\$17,297	<i>Annual Household Cost as % MHI</i>

Overall cost of projects identified as of January 1, 2010 by the community of Aurora Twsp - Bixby as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.225 (million)

Austin	COUNTY: Mower	POPULATION*: 23,314	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2011 CIP	0.75	Sewer System Project	
Phosphorus reduction	1	Wastewater Treatment Facilities Project	
Cook Farm Sanitary Sewer	0.15	Sewer System Project	
Force main replacement - Hope Street	0.75	Sewer System Project	
2012 CIP	0.575	Sewer System Project	
2010 CIP	0.9	Sewer System Project	
Unsewered Extend Service to Woodhaven	3.2	SFY 2009 PPL Unsewered Area Project / Rank: 191	
Upgrade instrumentation	0.75	Wastewater Treatment Facilities Project	
Lansing sewer project	1.5	Sewer System Project	
North main lift station	0.2	Sewer System Project	
Dobbins Creek	0.15	Sewer System Project	
Digester Upgrades - Domestic	2	Wastewater Treatment Facilities Project	
Admin and Laboratory Improvements	0.5	Wastewater Treatment Facilities Project	
High Rate Filters	3.5	SFY 2009 PPL Treatment Facilities Project / Rank:	105
Street project	0.3	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
16.225	\$1,247,313	\$113.43	0.336%

Overall cost of projects identified as of January 1, 2010 by the community of Austin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 16.225 (million)

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

Backus	COUNTY: Cass	POPULATION*: 311	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,875
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
WWTF Improvements		3.2	SFY 2010 PPL Sewer System 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>
3.2	\$246,003	\$1,800.02	6.698%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Backus as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.2 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Barnesville	COUNTY: Clay	POPULATION*:	2,173	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,814
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Downtown Area Sewer Rehabilitation		1.435		SFY 2010 PPL Sewer System Project / Rank:	169
<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		\$114.78	0.320%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Barnesville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.435 (million)</i>

Barry	COUNTY: Big Stone	POPULATION*:	25	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$18,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Collection and Treatment		0.135		SFY 2009 PPL Unsewered Area Project / Rank:	92
<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>	
0.135	\$10,378		\$778.37	4.265%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Barry as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.135 (million)</i>

Baxter	COUNTY: Crow Wing	POPULATION*:	5,555	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,289
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Lyndale Improvements		0.342		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Isle Drive South Extension	0.02	Wastewater Treatment Facilities Project
Dellwood Drive and Novotny Road Extension	0.2	Wastewater Treatment Facilities Project
Jadewood & Jewelwood Area Improvements	0.24	Wastewater Treatment Facilities Project
South Sanitary Sewer & Camwood Trail & Chestnut Dri	1.6	Wastewater Treatment Facilities Project
Cypress South	0.6	Sewer System Project
Brentwood Circle	0.052	Sewer System Project
Eagle Ridge Area	0.72	Sewer System Project
South Forestview	0.73	Sewer System Project
Wildflower/Franklin	0.63	Sewer System Project
Olivewood	0.32	Sewer System Project
Ashley-Baywood	0.56	Sewer System Project
Clearwater Road	0.49	Sewer System Project
North Forestview	0.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
7.004	\$538,440	\$252.26
Overall cost of projects identified as of January 1, 2010 by the community of Baxter		Annual Household Cost as % MHI
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		0.482%
		7.004 (million)

Beaver Bay	COUNTY: Lake	POPULATION*:	175	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,000
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Existing system rehabilitation & Advanced Treatment		1.92		SFY 2009 PPL Treatment Facilities Project / Rank:	311
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.92	\$147,602	\$1,428.41	4.761%		

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Beaver Bay
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.92 (million)*

Belle Plaine	COUNTY: Scott	POPULATION*:	3,789	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,272
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
South Ravine Interceptor Sewer		2.2		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.2	\$169,127		\$109.04	0.217%	
--- 5 - 10 yr. ---					
Wastewater Treatment Plant Expansion		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>	
10	\$768,760		\$495.62	0.986%	
--- 10 - 20 yr. ---					
Robert's Creek Interceptor Sewer		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		\$148.69	0.296%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Belle Plaine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 15.2 (million)</i>					

Bellingham	COUNTY: Lac qui Parl	POPULATION*:	205	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,083
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
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Dredgings & Reprapping	0.175	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.175	\$13,453	\$130.19	0.481%
--- 5 - 10 yr. ---			
Lift Station Rehab	0.1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.1	\$7,688	\$74.40	0.275%
Overall cost of projects identified as of January 1, 2010 by the community of Bellingham			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.275 (million)

Bemidji	COUNTY: Beltrami	POPULATION*: 11,917	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,072
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Fine Bubble Diffuser Project	0.98	Wastewater Treatment Facilities Project	
Biological Phosphorus Removal	1.15	Wastewater Treatment Facilities Project	
Secondary Digester Coor Replacement/Valving Upgrad	0.33	Wastewater Treatment Facilities Project	
Primary Digester	1.355	Wastewater Treatment Facilities Project	
Bar Screen	0.25	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.065	\$312,501	\$60.24	0.215%
--- 5 - 10 yr. ---			
Disinfection (U.V.)	0.5	Wastewater Treatment Facilities Project	
Sludge Storage Tank with mixer	3.4	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: 2009 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	\$57.79	0.206%

Overall cost of projects identified as of January 1, 2010 by the community of Bemidji as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.965 (million)

Benson	COUNTY: Swift	POPULATION*: 3,376	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,234
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
11th St Rehab		0.619	Sewer System Project
I & I Benson Minnesota		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>
0.669	\$51,430	\$31.90	0.099%

Overall cost of projects identified as of January 1, 2010 by the community of Benson as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.669 (million)

Bertha	COUNTY: Todd	POPULATION*: 470	MEDIAN HOUSEHOLD INCOME (MHI)*: \$22,625
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab existing WWTF		4.764	SFY 2009 PPL Treatment Facilities Project / Rank: 34
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.764	\$366,237	\$1,562.15	6.905%

* 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: 2009 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, 2010 by the community of Bertha
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4,764 (million)*

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

Big Falls	COUNTY: Koochiching	POPULATION*: 264	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,458
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- 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 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, 2010 by the community of Big Falls as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.1 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Big Lake	COUNTY: Sherburne	POPULATION*:	6,063	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,658
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
TH25 & CR14 Utility Extension		1.8		Sewer System Project	
Treatment Plant Expansion, Biosolids, Oxidation Ditch,		24.977		SFY 2009 PPL Treatment Facilities Project / Rank:	249
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
26.777	\$2,058,509		\$875.13	1.728%	
Overall cost of projects identified as of January 1, 2010 by the community of Big Lake					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					
					26.777 (million)

Big Lake Area Sanitar	COUNTY: St. Louis	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Facility Plan		10		SFY 2009 PPL Unsewered Area Project / Rank:	128
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
10	\$768,760				
Overall cost of projects identified as of January 1, 2010 by the community of Big Lake Area Sanitary District - Fond du Lac					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					
					10 (million)

Bigelow	COUNTY: Nobles	POPULATION*:	231	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

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Bigelow	2.6	SFY 2009 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, 2010 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
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Ottum Ave I/I		0.006	Sewer System Project
Treatment Pond Improvement		1.5	SFY 2009 PPL Treatment Facilities Project / Rank: 346
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.506	\$115,775	\$500.95	2.073%

Overall cost of projects identified as of January 1, 2010 by the community of Bigfork as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.506 (million)

Biwabik	COUNTY: St. Louis	POPULATION*: 954	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,359
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Pond Expansion - 1 Primary, 1 Secondary		5.364	SFY 2009 PPL Treatment Facilities Project / Rank: 103
<i>Subtotal of 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%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 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 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab. Collection System		1.39		SFY 2010 PPL Sewer System Project / Rank:	96
Expand Ponds & Land App. Site		1.39		SFY 2009 PPL Treatment Facilities Project / Rank:	96
<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>	
2.78	\$213,715		\$632.71	2.896%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Blackduck					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 2.78 (million)					

Blomkest	COUNTY: Kandiyohi	POPULATION*:	186	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Addendum No. 1 to city of Blomkest and Svea Wastewa		3.3		SFY 2009 PPL Unsewered Area Project / Rank:	5
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.3	\$253,691		\$3,459.42	10.003%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Blomkest					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 3.3 (million)					

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

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Blooming Prairie	COUNTY: Steele	POPULATION*:	1,933	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,345
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Third Street utility and street improvements		1.884		SFY 2010 PPL Sewer System Project / Rank:	64
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.884	\$144,834		\$174.27	0.432%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Blooming Prairie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.884 (million)</i>
Blue Earth	COUNTY: Faribault	POPULATION*:	3,621	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,940
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Fourth Street Improvements		1.406		SFY 2010 PPL Sewer System Project / Rank:	2
Biosolids Storage Tank and Secondary Digester Improv		1.64		SFY 2009 PPL Treatment Facilities Project / Rank:	2
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.046	\$234,164		\$137.30	0.393%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Blue Earth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>3.046 (million)</i>
Bovey	COUNTY: Itasca	POPULATION*:	662	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,662
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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Bovey Collection System Rehabilitation		0.45	SFY 2010 PPL Sewer System Project / Rank: 265	
<i>Subtotal of Cost 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%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Bovey as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.45 (million)</i>		

Braham	COUNTY: Isanti	POPULATION*: 1,276	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,830
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Lift Station Upgrades	0.46	Sewer System Project	
Wastewater Treatment Plant Upgrade	1.7	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>
2.16	\$166,052	\$292.46	0.840%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Braham as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>2.16 (million)</i>	

Brainerd	COUNTY: Crow Wing	POPULATION*: 13,178	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,901
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
TH 210 Northeast Utility extension	1.54		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	\$18.95	0.070%

* 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 where there are 20 yr. repayment periods.

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

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*Overall cost of projects identified as of January 1, 2010 by the community of Brainerd
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.54 (million)*

Brainerd-Baxter	COUNTY: Crow Wing	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
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>
26	\$1,998,776		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Brainerd-Baxter</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>26 (million)</i>

Brandon	COUNTY: Douglas	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- 10 - 20 yr. ---			
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, 2010 by the community of 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>

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

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Breckenridge	COUNTY: Wilkin	POPULATION*:	3,559	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,054
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Sanitary Sewer Rehabilitation		4.2		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.2	\$322,879		\$202.08	0.545%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Breckenridge as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					4.2 (million)
Breezy Point	COUNTY: Crow Wing	POPULATION*:	979	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sienna Golf course Ext.		0.585		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>	
0.585	\$44,972		\$98.00	0.223%	
--- 5 - 10 yr. ---					
Golf Woods		0.075		Sewer System Project	
Aspen and Birch Lane		0.065		Sewer System Project	
Timberlane Point Extension		0.7		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>	
0.84	\$64,576		\$140.72	0.320%	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Breezy Point
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1,425 (million)*

Bricelyn	COUNTY: Faribault	POPULATION*:	379	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
DE 10052 - 001		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		\$570.23	1.941%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Bricelyn as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)</i>					

Brooklyn Park	****	COUNTY: Hennepin	POPULATION*:	67,388	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$56,572
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---						
General Rehab 2013-2018			0.55		Sewer System Project	
Growth area 2013-2018			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>		
2.05	\$157,596		\$5.81	0.010%		
--- 10 - 20 yr. ---						
Final Growth Area 2019-2039 Build-Out			2.5		Sewer System Project	
General Rehab 2019-2029			1.75		Sewer System Project	
2018-2038 Replacement of water metering system			3.2		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.45	\$572,726	\$21.10	0.037%

*Overall cost of projects identified as of January 1, 2010 by the community of **Brooklyn Park**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.5 (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 2010 PPL Listed - Rank
--- 5 - 10 yr. ---			
Industrial Park Improvements		0.323	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.323	\$24,831	\$80.39	0.226%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Brooten as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.323 (million)</i>			

Browerville	COUNTY: Todd	POPULATION*: 735	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,250
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Wastewater Treatment Facility		4.144	SFY 2009 PPL Treatment Facilities Project / Rank: 238
Wastewater/Water improvements 2010		1.55	SFY 2010 PPL Sewer System Project / Rank: 238
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.694	\$437,732	\$1,238.86	4.719%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Browerville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.694 (million)*

Browns Valley	COUNTY: Traverse	POPULATION*: 690	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,563
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 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, 2010 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 2010 PPL Listed - Rank
--- Current ---			
Brownsville		1.21	SFY 2009 PPL Treatment Facilities Project / Rank: 256
<i>Subtotal of 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, 2010 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)*

* 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Brownton	COUNTY: McLeod	POPULATION*:	807	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,932
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Sewer Replacement: 4th Ave. N and 4th Street		0.1		Sewer System Project	
Northwest Sanitary Sewer Extension		0.1		Sewer System Project	
Rehabilitation and Upgrading Existing Wastewater Plan		0.8		SFY 2009 PPL Treatment Facilities Project / Rank: 160	
First Avenue Lift Station Enlargement		0.01		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**		Annual	20 yr. Household Cost***	Annual Household Cost as % MHI
1.01	\$77,645			\$223.26	0.605%
Overall cost of projects identified as of January 1, 2010 by the community of			Brownton		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.01 (million)		

Bruno	COUNTY: Pine	POPULATION*:	102	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type /</i>	<i>SFY 2010 PPL Listed - Rank</i>
--- Current ---					
Unsewered Area/Sand Filter		1.341		SFY 2009 PPL Unsewered Area Project / Rank: 347	
Unsewered Area/Pressure Sewers		1.341		SFY 2009 PPL Unsewered Area Project / Rank: 347	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.682	\$206,181		\$4,217.35	14.995%	
<i>Overall cost of projects identified as of January 1, 2010 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>2.682 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
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 2010 PPL Listed - Rank	
--- Current ---			
Rehab. Collection System	0.855	SFY 2010 PPL Sewer System Project / Rank: 190	
Advance Treatment	0.855	SFY 2009 PPL Treatment Facilities Project / Rank: 190	
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, 2010 by the community of Buhl as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.71 (million)
Burnsville	COUNTY: Dakota	POPULATION*: 60,220	MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,965
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Keller Lake Lift Station Rehab	0.15	Sewer System Project	
Echo Valley Lift Station Rehabilitation	0.25	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.4	\$30,750	\$1.17	0.002%
--- 5 - 10 yr. ---			
McAndrews Lift Station Rehab	0.25	Sewer System Project	
Meadow Acres Lift Station Rehab	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	\$1.46	0.003%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of **Burnsville**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.9 (million)**
 *** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Burnsville

Burtrum	COUNTY: Todd	POPULATION*:	146	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,875
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Service to Unsewered Area		0.9		SFY 2010 PPL Sewer System Project / Rank:	200
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.9	\$69,188		\$902.46	3.358%	

Overall cost of projects identified as of January 1, 2010 by the community of **Burtrum**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.9 (million)**

Butterfield	COUNTY: Watonwan	POPULATION*:	564	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,904
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab/Expand Existing System		3.02		SFY 2009 PPL Treatment Facilities Project / Rank:	94
<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>	
3.02	\$232,166		\$900.64	3.012%	

Overall cost of projects identified as of January 1, 2010 by the community of **Butterfield**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **3.02 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Byron	COUNTY: Olmsted	POPULATION*:	3,500	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$58,879
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
UV Disinfection		0.4		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.4	\$30,750		\$23.47	0.040%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Byron</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.4 (million)

Caledonia	COUNTY: Houston	POPULATION*:	2,965	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,455
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Sanitary Sewer System Rehabilitation		1.7		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>	
1.7	\$130,689		\$96.17	0.296%	
--- 10 - 20 yr. ---					
WWTP Rehabilitation and Upgrade		2.75		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.75	\$211,409		\$155.57	0.479%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Caledonia</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					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 where there are 20 yr. repayment periods.

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

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Calumet	COUNTY: Itasca	POPULATION*:	383	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
SE Area Utility Extensions		0.42		Sewer System Project	
<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>	
0.42	\$32,288		\$179.38	0.806%	
--- 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</i>	<i>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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.321	\$101,553		\$564.18	2.536%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Calumet as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>2.234 (million)</i>
Cambridge	COUNTY: Isanti	POPULATION*:	5,520	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,313
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2014 Street Improvements		0.495		Sewer System Project	
Biosolids Storage and Digestion		5		Wastewater Treatment Facilities Project	
Secondary Digester Cove Replacement		0.803		Wastewater Treatment Facilities Project	
<div> <div>* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.</div> <div>** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.</div> <div>*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..</div> </div>					

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

2011 Street Improvements	0.459	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.757	\$519,451	\$208.99	0.592%
--- 5 - 10 yr. ---			
2018 Street Improvement	0.182	Wastewater Treatment Facilities Project	
2016 Street Improvements	0.369	Sewer System Project	
Expansion, Third Oxidation Ditch Clarifier, Effluent Fil	7	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
7.551	\$580,491	\$233.55	0.661%
--- 10 - 20 yr. ---			
2009 North Garfield Street	0.108	Sewer System Project	
2016 Paul's Lake Trunk Utilities	2.187	Sewer System Project	
2011 North Main Street Trunk Utilities	0.2063	Sewer System Project	
2011 Flanders Street	0.162	Sewer System Project	
2009 North Flanders Street	0.216	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.8793	\$221,349	\$89.05	0.252%
Overall cost of projects identified as of January 1, 2010 by the community of Cambridge			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			17.187 (million)

Canby

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

Project(s)

Cost Estimate (millions)

Project Type / SFY 2010 PPL Listed - Rank

--- 5 - 10 yr. ---

Sewer rehab

3.8

SFY 2010 PPL Sewer System Project / Rank: 102

* 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 where there are 20 yr. repayment periods.

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

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Sewer rehab	1.5	SFY 2010 PPL Sewer System Project / Rank: 102	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.3	\$407,443	\$435.51	1.582%

Overall cost of projects identified as of January 1, 2010 by the community of Canby as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.3 (million)

Cannon Falls	COUNTY: Goodhue	POPULATION*: 3,795	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,721
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 10 - 20 yr. ---			
Addition of Oxidation Ditch and Clarifier & Tertiary Fi		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, 2010 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 (million)

Canosia & Grand Lake	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Canosia & Grand Lake Townships - Caribou Lake (St. L		4.4	SFY 2009 PPL Unsewered Area Project / Rank: 139
<i>Subtotal of 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		

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 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 4.4 (million)*

Carlton	COUNTY: Carlton	POPULATION*: 810	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,477	
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- 5 - 10 yr. ---				
Unnamed		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	\$56.53	0.180%	

*Overall cost of projects identified as of January 1, 2010 by the community of Carlton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.25 (million)*

Carver	COUNTY: Carver	POPULATION*: 1,266	MEDIAN HOUSEHOLD INCOME (MHI)*: \$65,083	
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- 5 - 10 yr. ---				
Comprehensive sanitary sewer lines and lift station		3.72		Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.72	\$285,979	\$561.97	0.863%	

*Overall cost of projects identified as of January 1, 2010 by the community of Carver
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.72 (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 where there are 20 yr. repayment periods.

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

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Cass Lake	COUNTY: Cass	POPULATION*:	860	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$20,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Rehabilitation Project		1.3		SFY 2009 PPL Treatment Facilities Project / Rank:	126
<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		\$271.74	1.320%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cass Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.3 (million)</i>
Central Iron Range Sa	COUNTY: St. Louis	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Regionalized WWTF		6.7		SFY 2010 PPL Sewer System Project / Rank:	13
Regionalized WWTF		6.7		SFY 2009 PPL Treatment Facilities Project / Rank:	13
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
13.4	\$1,030,138				
<i>Overall cost of projects identified as of January 1, 2010 by the community of Central Iron Range Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>13.4 (million)</i>
Chanhassen	COUNTY: Carver	POPULATION*:	20,321	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$84,215
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					

* 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 where there are 20 yr. repayment periods.

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Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

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2010 MUSA Sanitary Lift Station	1.5	Sewer System Project		
Sanitary Lift station rehabilitation Program	0.48	Sewer System Project		
Sanitary Sewer Replacement	0.25	Sewer System Project		
LB-5 Sanitary Sewer Extension (North)	0.976	Sewer System Project		
BC-9 Sanitary Sewer Extension	0.77	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
3.976	\$305,659	\$39.79	0.047%	
--- 5 - 10 yr. ---				
LB-3 Sanitary sewer extension	1.735	Sewer System Project		
Sanitary Sewer Rehab. & Replacement	0.33	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.065	\$158,749	\$20.66	0.025%	
--- 10 - 20 yr. ---				
LB-1 Sanitary Sewer Extensin	4.05	Sewer System Project		
LB-5 Sanitary Sewer Extension (South)	0.52	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
4.57	\$351,323	\$45.73	0.054%	
Overall cost of projects identified as of January 1, 2010 by the community of Chanhassen				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			10.611 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Chanhassen				

Chaska	****	COUNTY: Carver	POPULATION*: 17,449	MEDIAN HOUSEHOLD INCOME (MHI)*: \$60,325
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Southwest Industrial Trunk			0.3	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: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Chaska Township Interceptor	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>
0.8	\$61,501	\$9.07	0.015%
--- 5 - 10 yr. ---			
Pavement management plan	2.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.2	\$169,127	\$24.94	0.041%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Chaska</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			3 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Chaska			

Chatfield	COUNTY: Fillmore	POPULATION*: 2,394	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,023
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Inflow & Infiltration	0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.2	\$15,375	\$14.88	0.034%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Chatfield</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
0.2 (million)			

Chisholm	COUNTY: St. Louis	POPULATION*: 4,960	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,472
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Replace digester cover	3.7	SFY 2009 PPL Treatment Facilities Project / Rank:	86

* 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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.7	\$284,441	\$117.54	0.413%

Overall cost of projects identified as of January 1, 2010 by the community of Chisholm as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.7 (million)

Clarissa	COUNTY: Todd	POPULATION*: 609	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,125
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 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 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, 2010 by the community of Clarissa as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.185 (million)</i>

Clarkfield	COUNTY: Yellow Medi	POPULATION*: 944	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,819
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Sewer Main Replacement/Rehab		0.35	Sewer System Project
Re-evaluating Project		0.515	Wastewater Treatment Facilities Project
Sewer Main Replacement/Rehab		0.35	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.215	\$93,404	\$226.59	0.670%

* 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

Overall cost of projects identified as of January 1, 2010 by the community of **Clarkfield**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **1.215 (million)**

Clear Lake	COUNTY: Sherburne	POPULATION*:	266	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,625
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Upgrade and replace lift station		0.45		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>	
0.45	\$34,594		\$305.24	0.751%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Clear Lake					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 0.45 (million)					

Clear Lake/Clearwater	COUNTY: Sherburne	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Clear Lake / Clearwater		0.6545		SFY 2009 PPL Treatment Facilities Project / Rank:	45
Clear Lake / Clearwater		0.6545		SFY 2010 PPL Sewer System Project / Rank:	45
<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>	
1.309	\$100,631				
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Clear Lake/Clearwater Sewer Authority					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 1.309 (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 where there are 20 yr. repayment periods.

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Climax	COUNTY: Polk	POPULATION*:	243	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,688
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
to be determined		1.2		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.2	\$92,251		\$734.74	2.976%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Climax as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.2 (million)</i>
Cloquet	COUNTY: Carlton	POPULATION*:	11,201	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,675
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Skyline Boulevard Reconstruction		0.025		Sewer System Project	
18th Street Reconstruction - Washington Avenue to Dod		0.144		Sewer System Project	
Annual I/I Reduction Improvement Program		0.25		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.419	\$32,211		\$6.25	0.018%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cloquet as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.419 (million)</i>
Cohasset	COUNTY: Itasca	POPULATION*:	2,481	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,054
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* 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

--- 5 - 10 yr. ---

Collection System Expansion		2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2	\$153,752	\$144.14	0.327%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cohasset as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>2 (million)</i>

Cokato	COUNTY: Wright	POPULATION*: 2,727	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,613
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Expansion of Existing WWTF	4.4	SFY 2009 PPL Treatment Facilities Project / Rank:	270
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.4	\$338,254	\$307.50	0.776%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cokato as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>4.4 (million)</i>

Cold Spring	COUNTY: Stearns	POPULATION*: 2,975	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
3rd Street Re-lining	0.68	Sewer System Project	
Brewery Hill Phase 2	0.29	Sewer System Project	
5th Ave/CSAH 50	0.18	Sewer System Project	

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.15	\$88,407	\$71.30	0.190%
--- 10 - 20 yr. ---			
Brewery Hill Phase 3	0.2	Sewer System Project	
New Development and Rehabilitation	4.6	Sewer System Project	
Brewery Hill Phase 1	0.34	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.14	\$395,143	\$318.66	0.850%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cold Spring as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			6.29 (million)

Coleraine	COUNTY: Itasca	POPULATION*: 1,110	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,681
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Collection System Rehabilitation	0.6	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6	\$46,126	\$93.71	0.242%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Coleraine</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		0.6 (million)	

Coleraine, Bovey, Taco	COUNTY: Itasca	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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Additional Biosolids treatment improvements	1.431	SFY 2009 PPL Treatment Facilities Project / Rank:	63
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
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***</i>	<i>Annual Household Cost as % MHI</i>
8.662	\$665,900		
--- 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		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Coleraine, Bovey, Taconite Joint Wastewater Co as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			10.383 (million)

Cologne	COUNTY: Carver	POPULATION*: 1,012	MEDIAN HOUSEHOLD INCOME (MHI)*: \$54,583
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
WWTP Expansion	2.4	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.4	\$184,502	\$431.30	0.790%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cologne as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			2.4 (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 where there are 20 yr. repayment periods.

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Comfrey	COUNTY: Brown	POPULATION*:	367	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,938
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehabilitation		1.7		SFY 2010 PPL Sewer System Project / Rank:	14
<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>	
1.7	\$130,689		\$735.13	2.376%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Comfrey as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.7 (million)</i>
Cook	COUNTY: St. Louis	POPULATION*:	622	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,607
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
N. Area Alley Source Main Rehabilitation		0.04		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.04	\$3,075		\$10.06	0.047%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cook as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.04 (million)</i>
Coon Rapids	COUNTY: Anoka	POPULATION*:	61,607	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,550
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
VCP Sewer Rehab		5.28		Sewer System Project	
<div> <div>* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.</div> <div>** Assuming twenty (20) year debt service at market rate of 4.5%. Note that where there are combinations of: Current (0-5 yrs.), 5-10 yr., and/or 10-20 yr. projects the annual household debt service costs will overlap and combine where there are 20 yr. repayment periods.</div> <div>*** Per household residential share of 20 year debt service for projects indicated. Does not include community operation and maintenance costs or existing wastewater infrastructure debt service payments where applicable..</div> </div>					

Appendix 2: 2009 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>
5.28	\$405,905	\$16.18	0.029%

Overall cost of projects identified as of January 1, 2010 by the community of Coon Rapids as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.28 (million)

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

Cotton Township	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Cotton Township		0.6494	SFY 2009 PPL Unsewered Area Project / Rank: 342
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6494	\$49,923		

Overall cost of projects identified as of January 1, 2010 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*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Cottonwood Phase # 2		0.166	Sewer System Project
Sanitary Sewer Slip Lining & Lift Station Upgrade Proje		1.3	SFY 2010 PPL Sewer System Project / Rank: 241
Rehab/expand existing system		0.1166	Sewer System Project
Telemetry System Upgrades		0.11	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.6926	\$130,120	\$259.09	0.651%

* 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 where there are 20 yr. repayment periods.

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*Overall cost of projects identified as of January 1, 2010 by the community of Cottonwood
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.6926 (million)*

Crane Lake Water & S	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- Current ---				
Crane Lake Eastern Service Area		3.86		SFY 2010 PPL Sewer System Project / Rank: 324
<i>Subtotal of 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			
<i>Overall cost of projects identified as of January 1, 2010 by the community of Crane Lake Water & Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.86 (million)</i>				

Cromwell	COUNTY: Carlton	POPULATION*:	143 MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,000
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- 5 - 10 yr. ---				
Wastewater Treatment Facility Improvements		0.35		SFY 2009 PPL Treatment Facilities Project / Rank: 108
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.35	\$26,907	\$372.55	1.490%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Cromwell as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.35 (million)</i>				

* 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

Crookston	COUNTY: Polk	POPULATION*:	8,192	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,609
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab/expand existing system		1.19		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.19	\$91,482		\$26.75	0.077%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Crookston as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.19 (million)</i>

Dalton	COUNTY: Otter Tail	POPULATION*:	258	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Infiltration & inflow		0.125		SFY 2010 PPL Sewer System Project / Rank: 99	
<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>	
0.125	\$9,610		\$75.20	0.253%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Dalton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.125 (million)</i>

Darwin	COUNTY: Meeker	POPULATION*:	276	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,286
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Infiltration Repair		1.42		SFY 2010 PPL Sewer System Project / Rank: 138	

* 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 where there are 20 yr. repayment periods.

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.42	\$109,164	\$825.61	2.408%
--- 5 - 10 yr. ---			
Upgrade Ponds	1.42	SFY 2010 PPL Sewer System Project / Rank:	152
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.42	\$109,164	\$825.61	2.408%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Darwin</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			2.84 (million)

Dassel	COUNTY: Meeker	POPULATION*: 1,233	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Construction of a New Maple St. Lift Station	0.25	SFY 2010 PPL Sewer System Project / Rank: 230	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.25	\$19,219	\$33.59	0.090%
--- 5 - 10 yr. ---			
Replacement of Spray Irrigation Equipment	1	Wastewater Treatment Facilities Project	
Sanitary Sewer Rehab	1.5	Sewer System Project	
Sanitary Sewer Trunk Line	5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.5	\$576,570	\$1,007.60	2.687%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Dassel</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			7.75 (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

Dawson	COUNTY: Lac qui Parl	POPULATION*: 1,539	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,442
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Rehabilitate Collection System	5.2	SFY 2010 PPL Sewer System Project / Rank: 67	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
5.2	\$399,755	\$531.43	1.690%
Overall cost of projects identified as of January 1, 2010 by the community of Dawson			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			5.2 (million)

Dayton	****	COUNTY: Hennepin	POPULATION*: 4,699	MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,875
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Territorial Rd/Rush Creek Rd Street & Utility Improve		3.2	Sewer System Project	
NW Dayton Utility Extensions/Brockton Ln Turn Lane I		11.4	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
14.6	\$1,122,390	\$651.71	0.975%	
--- 5 - 10 yr. ---				
113th Ave Utility & Street Improvements		1.9	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.9	\$146,064	\$84.81	0.127%	
Overall cost of projects identified as of January 1, 2010 by the community of Dayton				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				16.5 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Dayton				

* 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 where there are 20 yr. repayment periods.

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Deer Creek	COUNTY: Otter Tail	POPULATION*:	328	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,558
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Lift Station Replacement		0.148		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.148	\$11,378	\$71.61	0.251%		
--- 10 - 20 yr. ---					
Industrial connection		0.16		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.16	\$12,300	\$77.41	0.271%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Deer Creek as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.308 (million)</i>

Deer River	COUNTY: Itasca	POPULATION*:	903	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,900
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
WWTF Pond expansion		1.4814		SFY 2009 PPL Treatment Facilities Project / Rank: 284	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.4814	\$113,884	\$263.49	1.203%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Deer River as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.4814 (million)</i>

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

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Deerwood	COUNTY: Crow Wing	POPULATION*:	590	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,069
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Summer Place Sewer Line replacement	0.063		Sewer System Project		
Grinder Station Replacement	0.23		SFY 2010 PPL Sewer System Project / Rank: 243		
<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>	
0.293	\$22,525		\$79.19	0.263%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Deerwood</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.293 (million)

Delano	COUNTY: Wright	POPULATION*: 3,837	MEDIAN HOUSEHOLD INCOME (MHI)*: \$52,917
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Street & Infrastructure Improvements	2	Sewer System Project	
<i>Subtotal of 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	\$101.15	0.191%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Delano</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>2 (million)</i>	

Dennison	COUNTY: Goodhue	POPULATION*:	168	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,667
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					

* 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 where there are 20 yr. repayment periods.

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New Rip-Rap on Secondary Pond	0.06	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.06	\$4,613	\$69.19	0.134%
Overall cost of projects identified as of January 1, 2010 by the community of Dennison			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			0.06 (million)

Dent	COUNTY: Otter Tail	POPULATION*: 192	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,938
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- 5 - 10 yr. ---			
Sewer Rehab	1	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1	\$76,876	\$898.55	2.904%
--- 10 - 20 yr. ---			
Treatment System Expansion	1	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1	\$76,876	\$898.55	2.904%
Overall cost of projects identified as of January 1, 2010 by the community of Dent			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			2 (million)

Detroit Lakes	COUNTY: Becker	POPULATION*: 7,348	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,264
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Replacement of the Soo Lift Station	0.15	SFY 2010 PPL Sewer System Project / Rank: 122	

* 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 where there are 20 yr. repayment periods.

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TH 10 Gateway District Redevelopment	0.04	Sewer System Project
Minnesota Avenue (Willow to State) Reconstruction	0.202	Sewer System Project
Tower Road Phase 2	0.141	Sewer System Project
North Industrial Park - Phase 2	0.273	Sewer System Project
	0.275	Sewer System Project
Front/Oakgrove/State Street Reconstruction	0.164	Sewer System Project
North Washington Avenue	0.12	Sewer System Project
Golden Bay Shores1	0.131	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
1.496	\$115,006	\$31.19
		Annual Household Cost as % MHI
		0.107%
Overall cost of projects identified as of January 1, 2010 by the community of <i>Detroit Lakes</i>		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		1.496 (million)

Doran	COUNTY: Wilkin	POPULATION*:	59	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,250
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Unsewered Collection and Treatment		0.975		SFY 2009 PPL Unsewered Area Project / Rank: 79	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.975	\$74,954	\$2,810.78	10.708%		
Overall cost of projects identified as of January 1, 2010 by the community of <i>Doran</i>					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					
					0.975 (million)

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

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Dover - Eyota - St Cha	COUNTY: Olmsted	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Rehab/Expand existing WWTF - Phase 2		16.606	SFY 2009 PPL Treatment Facilities Project / Rank: 142	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
16.606	\$1,276,603			
Overall cost of projects identified as of January 1, 2010 by the community of		Dover - Eyota - St Charles Sanitary District		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		16.606 (million)		

Duluth	COUNTY: St. Louis	POPULATION*: 86,918	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,766	
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sewer Rehabilitation, Reconstruction and Relining (Incl	7.5	Sewer System Project		
East Interceptor SSO Tank	20	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
27.5	\$2,114,090	\$53.60	0.159%	
--- 5 - 10 yr. ---				
Sewer Rehabilitation, Reconstruction and Relining (Incl	7.5	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
7.5	\$576,570	\$14.62	0.043%	
--- 10 - 20 yr. ---				
Sewer Reconstruction, Rehabilitation, Relining Includin	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
15	\$1,153,140	\$29.23	0.087%

Overall cost of projects identified as of January 1, 2010 by the community of Duluth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 50 (million)

Duluth/NS Phase 2 (Kn	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
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		

Overall cost of projects identified as of January 1, 2010 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 1.76 (million)

Dundee	COUNTY: Nobles	POPULATION*:	102 MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,979
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered Area Collection Sewer System		0.422	SFY 2009 PPL Unsewered Area Project / Rank: 44
Dundee Unsewered Area - 12 Cluster Treatment System		0.422	SFY 2009 PPL Unsewered Area Project / Rank: 44
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.844	\$64,883	\$1,145.00	5.210%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

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*Overall cost of projects identified as of January 1, 2010 by the community of Dundee
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.844 (million)*

Eagan	****	COUNTY: Dakota	POPULATION*: 63,557	MEDIAN HOUSEHOLD INCOME (MHI)*: \$67,388
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Annual Sewer Lining			0.113	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.113		\$8,687	\$0.33	0.000%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Eagan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.113 (million)</i>				
	**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Eagan			

East Bethel		COUNTY: Anoka	POPULATION*: 10,941	MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,880
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
East Bethel Sewer Project - Phase I - III			10.35	SFY 2010 PPL Sewer System Project / Rank: 344
<i>Subtotal of 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	\$198.53	0.343%
<i>Overall cost of projects identified as of January 1, 2010 by the community of East Bethel as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

East Grand Forks	COUNTY: Polk	POPULATION*:	7,501	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,866
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Additional forcemain to lagoons		1.95		SFY 2010 PPL Sewer System Project / Rank:	77
Upgrade Sewage Ponds		9.537		SFY 2010 PPL Sewer System Project / Rank:	116
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
11.487	\$883,075		\$271.34	0.757%	
Overall cost of projects identified as of January 1, 2010 by the community of East Grand Forks as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					11.487 (million)
Easton	COUNTY: Faribault	POPULATION*:	214	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection system		0.896		SFY 2009 PPL Treatment Facilities Project / Rank:	91
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
0.896	\$68,881		\$666.59	2.370%	
Overall cost of projects identified as of January 1, 2010 by the community of Easton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					0.896 (million)
Eden Prairie	COUNTY: Hennepin	POPULATION*:	54,901	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$78,328
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

TH 5 Sewer Repair	0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.2	\$15,375	\$0.68	0.001%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Eden Prairie</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.2 (million)</i>	
**** 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)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Sanitary Sewer Improvements	1.299	SFY 2010 PPL Sewer System Project / Rank: 133	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.299	\$99,862	\$249.65	0.968%
<i>Overall cost of projects identified as of January 1, 2010 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 1.299 (million)</i>			

Edina	****	COUNTY: Hennepin	POPULATION*: 47,425	MEDIAN HOUSEHOLD INCOME (MHI)*: \$66,019
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Lift Station # 8		0.12	Sewer System Project	
Lift station #7		0.2	Sewer System Project	
Lift station #2		0.3	Sewer System Project	
Sanitary Sewer Main Improvements #2		0.66	Sewer System Project	
Lift Station #6 Redundent 70 HP Pump & VFD		0.06	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Annual Manhole Rehabilitation	0.05	Sewer System Project	
Sanitary Sewer Main Improvements	0.48	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.87	\$143,758	\$6.16	0.009%
Overall cost of projects identified as of January 1, 2010 by the community of Edina			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.87 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Edina			

Elbow Lake	COUNTY: Grant	POPULATION*: 1,275	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,441
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- 5 - 10 yr. ---			
Division Street Improvements	1.5	SFY 2010 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
1.5	\$115,314	\$185.33	0.609%
Overall cost of projects identified as of January 1, 2010 by the community of Elbow Lake			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.5 (million)

Elk River	COUNTY: Sherburne	POPULATION*: 16,447	MEDIAN HOUSEHOLD INCOME (MHI)*: \$58,114
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Fast Area Infrastructure Improvement	1.5	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.5	\$115,314	\$18.32	0.032%
--- 5 - 10 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: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Solids Treatment and Disposal Improvement	3.95	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.95	\$303,660	\$48.25	0.083%
--- 10 - 20 yr. ---			
Elk River WWTP Expansion	6.83	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.83	\$525,063	\$83.43	0.144%
Overall cost of projects identified as of January 1, 2010 by the community of Elk River			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			12.28 (million)

Elko New Market	COUNTY: Scott	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- 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. ---			
Southeast Quadrant		1.26	Sewer System Project
Northwest Quadrant		3.6	Sewer System Project
Northeast Quadrant		1.93	Sewer System Project
Southwest Quadrant		3.69	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		

* 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: 2009 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, 2010 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 11.45 (million)*

Ellendale	COUNTY: Steele	POPULATION*: 590	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,750
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Rehab and Expand collection system		0.96	SFY 2010 PPL Sewer System Project / Rank: 39
<i>Subtotal of Cost 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%

*Overall cost of projects identified as of January 1, 2010 by the community of Ellendale
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.96 (million)*

Ellsworth	COUNTY: Nobles	POPULATION*: 540	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,417
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
I/I correction and Sewer Rehab.		0.563	SFY 2010 PPL Sewer System Project / Rank: 350
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.563	\$43,281	\$171.60	0.604%

*Overall cost of projects identified as of January 1, 2010 by the community of Ellsworth
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.563 (million)*

* 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 where there are 20 yr. repayment periods.

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Elmore	COUNTY: Faribault	POPULATION*:	735	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,146
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Stabilization Pond Rehabilitation		4.6		SFY 2009 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>	
4.6	\$353,630		\$1,043.50	3.991%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Elmore as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					4.6 (million)

Ely	COUNTY: St. Louis	POPULATION*:	3,724	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,615
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehabilitation and I/I Reduction		1.839		SFY 2010 PPL Sewer System Project / Rank:	69
2007 Capital Improvement Plan		2.105		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.944	\$303,199		\$161.09	0.583%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Ely as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					3.944 (million)

Elysian	COUNTY: Le Sueur	POPULATION*:	486	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

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Replace sewer lines	0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.2	\$15,375	\$67.83	0.180%

Overall cost of projects identified as of January 1, 2010 by the community of Elysian as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.2 (million)

Essig	COUNTY: Nicolett	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Essig		0.973		SFY 2009 PPL Unsewered Area Project / Rank: 94	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.973	\$74,800				

Overall cost of projects identified as of January 1, 2010 by the community of Essig as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.973 (million)

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

* 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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2010 by the community of Evan
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.03 (million)*

Evansville	COUNTY: Douglas	POPULATION*:	566	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,219
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehabilitation		0.85		SFY 2009 PPL Unsewered Area Project / Rank: 120	
<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>	
0.85	\$65,345		\$236.19	0.975%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Evansville</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.85 (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 2010 PPL Listed - Rank</i>	
--- Current ---					
2011 Street Reconstruction Includes Sanitary Sewer Re		0.129		Sewer System Project	
2009 Sewer Replacement Project - Grant Avenue		0.225		Sewer System Project	
West Eveleth Sanitary Sewer Extension		0.22		Sewer System Project	
2010 Sanitary Sewer Cleaning, TV, and Smoke Testing		0.055		Sewer System Project	
Sanitary Sewer Extension - Elba Ave. Residential Devel		0.2		Sewer System Project	
2012 Adams Area Sewer Replacement		0.41		Sewer System Project	
2011 Sewer Replacement Project (Jones St.)		0.211		Sewer System Project	
2010 Sewer Replacement Project (Grant Ave. & Park A		0.519		SFY 2010 PPL Sewer System Project / Rank: 87	

* 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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Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Progress Park Sanitary Sewer Extension	0.5	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.469	\$189,807	\$99.49	0.359%	
--- 5 - 10 yr. ---				
Fayal Pond Lift Station Renovation	0.8	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.8	\$61,501	\$32.24	0.116%	
--- 10 - 20 yr. ---				
West Eveleth Transfer Station Renovation	0.73	Sewer System Project		
2013-2022 Sanitary Sewer Replacement Projects (some	1	Sewer System Project		
West Eveleth Lift Station Renovation	0.73	Sewer System Project		
Adams Lift Station Renovation	0.62	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.08	\$236,778	\$124.11	0.447%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Eveleth</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				
			6.349 (million)	

Excelsior	****	COUNTY: Hennepin	POPULATION*: 2,393	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,598
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Lift station upgrade - cemetary		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>
0.115		\$8,841	\$6.64	0.015%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of *Excelsior*
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 Excelsior

Eyota	COUNTY: Olmsted	POPULATION*:	1,644	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$47,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Lining project - Carol Ann Rena Belle St.		0.1		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.1	\$7,688		\$11.59	0.024%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>	<i>Eyota</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>

Fairfax	COUNTY: Renville	POPULATION*:	1,295	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,700
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Replace older sewer MH and lines		0.038		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>	
0.038	\$2,921		\$4.92	0.015%	
--- 5 - 10 yr. ---					
Reduce I & I		0.183		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>	
0.183	\$14,068		\$23.71	0.070%	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Fairfax
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.221 (million)

Faribault	COUNTY: Rice	POPULATION*: 20,818	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,865
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
STCON-14 2014 Street Improvements		0.3	Sewer System Project
STCON-11 2011 Street Improvements		0.075	Sewer System Project
STCON-12 2012 Street Improvements		0.075	Sewer System Project
Lift Station #4 Replacement (SCO-11)		0.1	Sewer System Project
Eastside Interceptor Upgrade (SCO-12)		0.1	Sewer System Project
TH 60/4th St NW Sewer Lining (SCO-14)		0.288	Sewer System Project
STCON-13 2013 Street Improvements		0.15	Sewer System Project
STCON-10 2010 Street Improvements		0.3	Sewer System Project
WWTP Upgrade		26.586	SFY 2009 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>
27.974	\$2,150,529	\$259.03	0.634%

Overall cost of projects identified as of January 1, 2010 by the community of Faribault
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 27.974 (million)

Faribault County	COUNTY: Faribault	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Guckeen - Collection and connect to Blue Earth	1.065	SFY 2009 PPL Unsewered Area Project / Rank: 12	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.065	\$81,873		

Overall cost of projects identified as of January 1, 2010 by the community of Faribault County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.065 (million)

Farmington	****	COUNTY: Dakota	POPULATION*:	12,365	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$61,864
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Westview Acres Reconstruction			3.384		Sewer System Project	
Pine Street Reconstruction			2.1		Sewer System Project	
Willow St and Linden St Reconstruction			2		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 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
8.884		\$682,966		\$147.44	0.238%	

Overall cost of projects identified as of January 1, 2010 by the community of Farmington as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.884 (million)

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

Felton		COUNTY: Clay	POPULATION*:	216	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,477
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Pond Improvements			0.85		Wastewater Treatment Facilities Project	
Sanitary Sewer Repair			1.05		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
1.9	\$146,064	\$1,444.59	5.456%

Overall cost of projects identified as of January 1, 2010 by the community of Felton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.9 (million)

Fertile	COUNTY: Polk	POPULATION*: 893	MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,021
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Watermain/Sanitary Sewer Improvements, Industrial Pa		0.53	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.53	\$40,744	\$92.60	0.402%
--- 5 - 10 yr. ---			
Dale Subdivision		0.1	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$17.47	0.076%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Fertile as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.63 (million)</i>			

Foley	COUNTY: Benton	POPULATION*: 2,154	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,393
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Parent Addition Imp Expansion		0.75	Sewer System Project
Birch Ponds		10	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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Comprehensive Sanitary Sewer Plan	14.5	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>
25.25	\$1,941,119	\$2,310.86	6.019%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Foley</i> <i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>25.25 (million)</i>

Forest City Township	COUNTY: Meeker	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered Area Collection and Treatment		0.39	SFY 2009 PPL Unsewered Area Project / Rank: 212
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.39	\$29,982		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Forest City Township</i> <i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.39 (million)</i>

Fosston	COUNTY: Polk	POPULATION*:	1,575	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,634
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Stabilization Pond		2.74		SFY 2009 PPL Treatment Facilities 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>		
2.74	\$210,640	\$278.38	1.007%		

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Fosston
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.74 (million)*

Fountain	COUNTY: Fillmore	POPULATION*:	343	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab/expand existing system		0.9		SFY 2009 PPL Treatment Facilities Project / Rank:	93
Wastewater Treatment Facility Expansion		1.33		Wastewater Treatment Facilities Project	
Rehab/expand existing system		0.4		SFY 2010 PPL Sewer System Project / Rank:	93
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.63	\$202,184		\$1,389.05	3.451%	

*Overall cost of projects identified as of January 1, 2010 by the community of Fountain
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.63 (million)*

Foxhome	COUNTY: Renville	POPULATION*:	143	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,688
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area - Possible SSTs		0.75		SFY 2009 PPL Unsewered Area Project / Rank:	347
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.75	\$57,657		\$894.68	3.014%	

*Overall cost of projects identified as of January 1, 2010 by the community of Foxhome
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)*

* 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 where there are 20 yr. repayment periods.

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Franklin	COUNTY: St. Louis	POPULATION*:	498	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2009 - 2011 Utility Improvements		1.92		SFY 2010 PPL Sewer System Project / Rank:	127
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.92	\$147,602		\$681.24	1.813%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Franklin as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.92 (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 2010 PPL Listed - Rank</i>	
--- Current ---					
South Lake Street Project		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>	
0.825	\$63,423		\$113.25	0.433%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Frazee as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.825 (million)</i>

Freeborn County - Sta	COUNTY: Freeborn	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Connect to Existing System		5.4		SFY 2009 PPL Unsewered Area Project / Rank:	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
5.4	\$415,130		

Overall cost of projects identified as of January 1, 2010 by the community of Freeborn County - Stables Area as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.4 (million)

Freeport	COUNTY: Stearns	POPULATION*: 454	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,955
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Clay, Tile, Line Replacement		0.1	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$36.41	0.110%

Overall cost of projects identified as of January 1, 2010 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)

French Twnshp - Wall	COUNTY: St. Louis	POPULATION*: 454	MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,955
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered Area Collection and Treatment		0.255	SFY 2009 PPL Unsewered Area Project / Rank: 251
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.255	\$19,603		

Overall cost of projects identified as of January 1, 2010 by the community of French Twnshp - Wall Street as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.255 (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 where there are 20 yr. repayment periods.

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

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Fridley	****	COUNTY: Anoka	POPULATION*: 27,449	MEDIAN HOUSEHOLD INCOME (MHI)*: \$48,372
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
2013-2014			0.405	Sewer System Project
2009 Sewer Lining Project			0.157	Sewer System Project
2010 Interceptor Lining Project			0.185	Sewer System Project
Cheri Lane Lift Station Upgrade			0.11	Sewer System Project
2011 Sewer Lining project			0.19	Sewer System Project
2011 Wickes Lift Station Rebuild			0.025	Sewer System Project
2012 Sewer Lining Project			0.19	Sewer System Project
2009-2015 St. Project Sewer Repairs			0.18	Sewer System Project
Georgetown Lift Rehab-2013			0.025	Sewer System Project
Lift Station Upgrades			0.65	Sewer System Project
Ember Lift Station Upgrades			0.001	Sewer System Project
2012 Locke Lake Lift Rebuild			0.025	Sewer System Project
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.143		\$164,745	\$13.09	0.027%
--- 5 - 10 yr. ---				
Lining Projects			3.14	Sewer System Project
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.14		\$241,391	\$19.18	0.040%
Overall cost of projects identified as of January 1, 2010 by the community of Fridley				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				5.283 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Fridley				

* 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 where there are 20 yr. repayment periods.

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

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Fulda	COUNTY: Murray	POPULATION*:	1,283	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Pond Rehabilitation - 2008		0.3		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.3	\$23,063		\$39.31	0.131%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Fulda as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.3 (million)</i>

Garfield	COUNTY: Douglas	POPULATION*:	281	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Garfield Wastewater		2.4		Sewer System Project	
Garfield Wastewater		2.4		Wastewater Treatment Facilities Project	
Reduce I & I		2.4		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>	
7.2	\$553,507		\$4,487.90	14.960%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Garfield as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>7.2 (million)</i>

Gaylord	COUNTY: Sibley	POPULATION*:	2,279	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,053
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

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--- Current ---

2010 Street and Utility Improvement Project	0.52	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.52	\$39,976	\$40.11	0.103%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Gaylord</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.52 (million)</i>

Gilbert

COUNTY: St. Louis

POPULATION*: 1,847

MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,859

Project(s)

Cost Estimate (millions)

Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Upper/Lower Alley Sewer Rehab	1.5	SFY 2010 PPL Sewer System Project / Rank: 189	
Gilbert-Sparta: Service extension to unsewered area Spa	0.6	SFY 2009 PPL Unsewered Area Project / Rank: 189	
<i>Subtotal of 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	\$172.56	0.481%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Gilbert</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.1 (million)</i>

Gilman

COUNTY: Benton

POPULATION*: 215

MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,063

Project(s)

Cost Estimate (millions)

Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

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

* 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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Overall cost of projects identified as of January 1, 2010 by the community of **Gilman**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.005 (million)**

Glenwood	COUNTY: Pope	POPULATION*: 2,594	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,083
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Midway lift station		0.7	Sewer System Project
2009 Phase II Sewer Rehab		1.5	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.2	\$169,127	\$134.58	0.447%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Glenwood			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 2.2 (million)			

Glyndon	COUNTY: Clay	POPULATION*: 1,049	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,028
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab collection system		0.5	SFY 2010 PPL Sewer System Project / Rank: 62
Rehab treatment facility		0.5	SFY 2009 PPL Treatment Facilities Project / Rank: 62
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1	\$76,876	\$192.73	0.438%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Glyndon			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 1 (million)			

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Golden Valley	****	COUNTY: Hennepin	POPULATION*:	20,281	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$62,063
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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	
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**		Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
17.1		\$1,314,580		\$140.03	0.226%	
Overall cost of projects identified as of January 1, 2010 by the community of				Golden Valley		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					17.1 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of				Golden Valley		
Gonvick		COUNTY: Clearwater	POPULATION*:	294	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,722
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Rehab/expand existing system			0.5		SFY 2009 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, 2010 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)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Original Sewer System Relining Project	1.5	Sewer System Project
Woodhaven Estates I	0.617	SFY 2010 PPL Sewer System Project / Rank: 353
63rd Ave. and 5th Street Extension	0.9	Sewer System Project
Kowalewski/Anderson Extension	0.95	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
3.967	\$304,967	\$199.61
		Annual Household Cost as % MHI
		0.457%
Overall cost of projects identified as of January 1, 2010 by the community of Goodview		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		
		3.967 (million)

Graceville	COUNTY: Big Stone	POPULATION*:	605	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,143
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Studdart Ave Reconstruction		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	\$26.92	0.099%		
Overall cost of projects identified as of January 1, 2010 by the community of Graceville					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					
					0.1 (million)

Grand Marais	COUNTY: Cook	POPULATION*:	1,353	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,493
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
I/I correction		0.65		SFY 2010 PPL Sewer System Project / Rank: 217	

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

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**Appendix 2: 2009 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>
0.65	\$49,969	\$69.72	0.208%
--- 10 - 20 yr. ---			
Sewer 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>	<i>Annual Household Cost as % MHI</i>
0.125	\$9,610	\$13.41	0.040%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Grand Marais as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.775 (million)

Grand Rapids	COUNTY: Itasca	POPULATION*: 7,764	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,991
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Trunk/Interceptor Replacment/Extension 1993-2013	3	Sewer System Project	
Replacement of Secondary Aeration System and Sludge	31	SFY 2009 PPL Treatment Facilities Project / Rank: 226	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
34	\$2,613,784	\$682.65	2.355%
--- 10 - 20 yr. ---			
Annes Area 3 Project	0.425	SFY 2009 PPL Unsewered Area Project / Rank: 216	
Sewer Extension - Golf Course Road	2.3521	SFY 2010 PPL Sewer System Project / Rank: 193	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.7771	\$213,492	\$55.76	0.192%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Grand Rapids</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		36.777 (million)	

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Granite Falls	COUNTY: Yellow Medi	POPULATION*:	3,070	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,031
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Phase 2 - Rehab/expand existing system	1.58		SFY 2009 PPL Treatment Facilities Project / Rank: 119		
<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>	
1.58	\$121,464		\$81.34	0.254%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Granite Falls</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.58 (million)</i>		

Greenbush	COUNTY: Roseau	POPULATION*:	334	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,750
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab collection system	0.282		SFY 2010 PPL Sewer System Project / Rank: 212		
<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>	
0.282	\$21,679		\$143.46	0.425%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Greenbush</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>0.282 (million)</i>					

Grove City	COUNTY: Meeker	POPULATION*:	608	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,312
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
Construction of New Mechanical Treatment Facilities	4.279		SFY 2009 PPL Treatment Facilities Project / Rank: 148		

* 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 where there are 20 yr. repayment periods.

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

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Replace Existing, Aging Sewer Lines & Manholes	0.5	Sewer System Project		
Replacement Rehabilitation numerous sewers	0.199	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
4.978	\$382,689	\$1,340.16	4.572%	
--- 10 - 20 yr. ---				
Replacement, Rehabilitate Sewer Line	0.367	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.367	\$28,213	\$98.80	0.337%	
Overall cost of projects identified as of January 1, 2010 by the community of		Grove City		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		5.345 (million)		

Grygla	COUNTY: Marshall	POPULATION*: 228	MEDIAN HOUSEHOLD INCOME (MHI)*: \$25,625
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Pond Discharge structure	0.15	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.15	\$11,531	\$90.25	0.352%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Grygla</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.15 (million)</i>	

Hadley	COUNTY: Murray	POPULATION*:	81	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,406
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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Unsewered Area Treatment Using Cluster Systems	0.574	SFY 2009 PPL Unsewered Area Project / Rank: 95
Unsewered Area Collection System	0.574	SFY 2009 PPL Unsewered Area Project / Rank: 95
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
1.148	\$88,254	\$2,206.34
Overall cost of projects identified as of January 1, 2010 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)

Ham Lake	****	COUNTY: Anoka	POPULATION*: 12,710	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,578
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Unsewered - New Collection			1	SFY 2009 PPL Unsewered Area Project / Rank: 244
Unsewered - New Treatment			1	SFY 2009 PPL Unsewered Area Project / Rank: 244
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2		\$153,752	\$33.43	0.070%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Ham Lake</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Ham Lake				

Hamburg	COUNTY: Carver	POPULATION*: 538	MEDIAN HOUSEHOLD INCOME (MHI)*: \$67,750
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
I/I Abatement Program	1.253	SFY 2010 PPL Sewer System Project / Rank:	106
Regionalize with Norwood-Young America & Service a	2.933	SFY 2010 PPL Sewer System Project / Rank:	244

* 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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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.186	\$321,803	\$1,405.94	2.075%

*Overall cost of projects identified as of January 1, 2010 by the community of **Hamburg**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.186 (million)*

Hampton	COUNTY: Dakota	POPULATION*:	434	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,438
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Main Street Sewer Replacement		0.4		Sewer System Project	
Treatment Plant Expansion 2		0.65		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.05	\$80,720	\$465.69	0.871%		

*Overall cost of projects identified as of January 1, 2010 by the community of **Hampton**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.05 (million)*

Hanley Falls	COUNTY: Yellow Medi	POPULATION*:	323	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,667
<i>Project(s)</i>		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab collection system		0.4		SFY 2010 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>		
0.4	\$30,750	\$240.66	0.760%		

* 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: 2009 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, 2010 by the community of Hanley Falls
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)*

Hanover	COUNTY: Wright	POPULATION*: 1,355	MEDIAN HOUSEHOLD INCOME (MHI)*: \$73,667	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 10 - 20 yr. ---				
Trunk Sanitary Sewer and Watermain analysis 3-2007		10.468		Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 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, 2010 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)*

Hartland	COUNTY: Freeborn	POPULATION*: 288	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,500	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---				
Sewer Rehabilitation		0.339		SFY 2010 PPL Sewer System Project / Rank: 245
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.339	\$26,061	\$175.04	0.467%	

*Overall cost of projects identified as of January 1, 2010 by the community of Hartland
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.339 (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 where there are 20 yr. repayment periods.

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**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Hastings	****	COUNTY: Dakota	POPULATION*: 18,204	MEDIAN HOUSEHOLD INCOME (MHI)*: \$53,145
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
2012 Street and Utility Improvements			0.75	Sewer System Project
2010 Street and Utility Improvements			0.15	Sewer System Project
2011 Street and Utility Improvements			0.15	Sewer System Project
2013 Street and Utility Improvements			0.5	Sewer System Project
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.55		\$119,158	\$16.15	0.030%
Overall cost of projects identified as of January 1, 2010 by the community of Hastings				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				1.55 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Hastings				

Hawley		COUNTY: Clay	POPULATION*: 1,882	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,652
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---				
Hawley			0.716	SFY 2010 PPL Sewer System Project / Rank: 75
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.716		\$55,043	\$66.58	0.187%
Overall cost of projects identified as of January 1, 2010 by the community of Hawley				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				0.716 (million)

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

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Hector	COUNTY: Renville	POPULATION*:	1,166	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Dechlorination		0.01		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.01	\$769		\$1.36	0.004%	
--- 5 - 10 yr. ---					
2009-2019 Street Design & Utility Reconstruction		5		SFY 2010 PPL Sewer System Project / Rank: 251	
<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	\$384,380		\$679.65	2.060%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hector as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>5.01 (million)</i>

Henning	COUNTY: Otter Tail	POPULATION*:	719	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,944
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Replace Sewer Mains		0.998		Sewer System Project	
Replace & Repair Sewer Lines to Eliminate Infiltration/		2.1		SFY 2010 PPL Sewer System Project / Rank: 125	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.098	\$238,162		\$585.64	2.669%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Henning as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>3.098 (million)</i>

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Hermantown	COUNTY: St. Louis	POPULATION*:	7,448	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,861
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Improvement District 432 Ugstad Rd		1.36		Sewer System Project	
TH 53 Sanitary Sewer		0.287		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.647	\$126,615		\$41.80	0.084%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hermantown as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.647 (million)</i>

Hibbing	COUNTY: St. Louis	POPULATION*:	17,071	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,346
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
City of Hibbing Mercury Removal - Membrane Filter		5		SFY 2009 PPL Treatment Facilities Project / Rank:	104
Rehab Lift Station Pump and Generator		1.5		SFY 2010 PPL Sewer System Project / Rank:	283
Improvements to South Wastewater Treatment Plant		19		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
25.5	\$1,960,338		\$237.17	0.711%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hibbing as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>25.5 (million)</i>

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

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Hill City	COUNTY: Aitkin	POPULATION*:	479	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,308
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.6	\$46,126		\$194.90	0.874%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hill City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.6 (million)</i>

Hinckley	COUNTY: Pine	POPULATION*:	1,291	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,338
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Lift station #3 upgrade		0.258		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>	
0.258	\$19,834		\$32.40	0.110%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hinckley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.258 (million)</i>

Hitterdal	COUNTY: Clay	POPULATION*:	201	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Ponds		0.4125		SFY 2009 PPL Treatment Facilities Project / Rank:	298

* 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

Sewer extension and rehab	0.4125	SFY 2010 PPL Sewer System Project / Rank:	298
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.825	\$63,423	\$663.73	2.042%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hitterdal</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.825 (million)</i>

Hopkins	****	COUNTY: Hennepin	POPULATION*: 17,145	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,203
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Lift station #4 Rehab		0.156	SFY 2010 PPL Sewer System Project / Rank: 221	
Abandon Lift Station #1		0.286	SFY 2010 PPL Sewer System Project / Rank: 84	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.442		\$33,979	\$3.72	0.009%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Hopkins</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.442 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Hopkins				

Howard Lake	COUNTY: Wright	POPULATION*: 1,853	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,015
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2010 Improvements	7	Sewer System Project	
12th and 13th Avenue and 7th and 8th Street	1.2	Sewer System Project	
8th Avenue and 9th 11th Street	1	Sewer System Project	
9th Avenue 7th 8th and 9th Street	1	Sewer System Project	

* 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

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10.2	\$784,135	\$960.17	2.526%

Overall cost of projects identified as of January 1, 2010 by the community of Howard Lake
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 10.2 (million)

Hutchinson	COUNTY: McLeod	POPULATION*: 13,080	MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,278
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
MBR Future Capacity		1	SFY 2009 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	\$76,876	\$12.97	0.031%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Hutchinson</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>

Ihlen	COUNTY: Pipestone	POPULATION*: 107	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,250
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Individual & Main Lift Station Rehabilitation		0.14	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.14	\$10,763	\$225.26	0.721%
--- 10 - 20 yr. ---			
Expand Mound System		0.2	Wastewater Treatment Facilities Project

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.2	\$15,375	\$321.81	1.030%

Overall cost of projects identified as of January 1, 2010 by the community of Ihlen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.34 (million)

Iron Junction	COUNTY: St. Louis	POPULATION*: 93	MEDIAN HOUSEHOLD INCOME (MHI)*: \$40,938
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Iron Junction Sewer Expansion and Upgrade		0.954	SFY 2010 PPL Sewer System Project / Rank: 279
Unsewered connect to WWTP		0.954	SFY 2009 PPL Unsewered Area Project / Rank: 339
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.908	\$146,679	\$3,000.26	7.329%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Iron Junction as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.908 (million)</i>			

Isanti	COUNTY: Isanti	POPULATION*: 2,324	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,587
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Clay Sewer Replacement		0.5	Sewer System Project
Subway Lift Station Replacement		0.45	Sewer System Project
Communication Improvements at Lift Stations		0.2	Sewer System Project
WWTF Improvements		4.5	Wastewater Treatment Facilities Project

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.65	\$434,349	\$479.06	1.099%

*Overall cost of projects identified as of January 1, 2010 by the community of Isanti
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.65 (million)*

Ivanhoe	COUNTY: Lincoln	POPULATION*: 679	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,125
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Railroad street development area and graff area	0.3	Sewer System Project	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$66.96	0.238%

--- 5 - 10 yr. ---

Pond Dredging	0.1	Wastewater Treatment Facilities Project	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$22.32	0.079%

*Overall cost of projects identified as of January 1, 2010 by the community of Ivanhoe
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.4 (million)*

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

--- Current ---

River Crossing and Lift Station #1 upgrade	0.57	Sewer System Project	
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Ashley Street Project	0.161	Sewer System Project	
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.731	\$56,196	\$34.01	0.102%

Overall cost of projects identified as of January 1, 2010 by the community of Jackson as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.731 (million)

Jackson County - Loon	COUNTY: Jackson	POPULATION*: 3,833	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,468
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Jackson County - Loon Lake		1.1	SFY 2009 PPL Unsewered Area Project / Rank: 289

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.1	\$84,564		

Overall cost of projects identified as of January 1, 2010 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 1.1 (million)

Jordan	COUNTY: Scott	POPULATION*: 3,833	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,468
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Southwest Trunk Sewer		4.3	Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.3	\$330,567	\$220.54	0.465%

Overall cost of projects identified as of January 1, 2010 by the community of Jordan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.3 (million)

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

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Kandiyohi	COUNTY: Kandiyohi	POPULATION*:	555	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,364
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Regionalization w/Green Lake Sanitary Se		3.4		SFY 2010 PPL Sewer System Project / Rank: 33	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.4	\$261,378		\$1,094.14	3.009%	
--- 5 - 10 yr. ---					
NW Sewer Line Replacement		2.5		Sewer System Project	
NE Sewer Line Replacement		1.7		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.2	\$322,879		\$1,351.59	3.717%	
--- 10 - 20 yr. ---					
SE Sewer Line Replacement		1.2		Sewer System Project	
SW Sewer Line Replacement		1.99		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.19	\$245,234		\$1,026.56	2.823%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Kandiyohi</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>10.79 (million)</i>	

Kandiyohi County - Di	COUNTY: Kandiyohi	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered - Connect to Green Lake SD		6.817	SFY 2009 PPL Unsewered Area Project / Rank: 174

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

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Appendix 2: 2009 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>
6.817	\$524,064		

Overall cost of projects identified as of January 1, 2010 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 6.817 (million)

Kandiyohi County - He	COUNTY: Kandiyohi	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered - Connect to Green Lake SD		2.1	SFY 2009 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		

Overall cost of projects identified as of January 1, 2010 by the community of Kandiyohi County - Henderson, George and Nes
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.1 (million)

Kasson	COUNTY: Dodge	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Sewer Rehabilitation		0.892	SFY 2010 PPL Sewer System Project / Rank: 40
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.892	\$68,573	\$36.78	0.075%

Overall cost of projects identified as of January 1, 2010 by the community of Kasson
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.892 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Keewatin	COUNTY: Itasca	POPULATION*:	1,164	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,795
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Keewatin - Howard Avenue		0.3		Sewer System Project	
Keewatin - Valve Replacement		0.15		Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
0.45	\$34,594		\$59.65	0.207%	
--- 5 - 10 yr. ---					
RBC Cover Replacement		0.01		Wastewater Treatment Facilities Project	
RBC Cover Replacement		0.01		Wastewater Treatment Facilities Project	
Replace Primary Clarifier Drive		0.035		Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
0.055	\$4,228		\$7.29	0.025%	
Overall cost of projects identified as of January 1, 2010 by the community of Keewatin					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					0.505 (million)

Kelliher	COUNTY: Beltrami	POPULATION*:	294	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$20,625
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Main lift station renovation plus transfer station between		0.101		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
0.101	\$7,764		\$57.75	0.280%	
--- 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sewer/Water Infrastructure Replacement	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	\$97.21	0.471%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Kelliher as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.271 (million)</i>

Kennedy	COUNTY: Kittson	POPULATION*:	255	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,438
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
5th Street Project		0.05		Sewer System Project	
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>		
0.1	\$7,688	\$60.16	0.180%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Kennedy as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.1 (million)</i>

Kenyon	COUNTY: Goodhue	POPULATION*:	1,661	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,786
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Private Sewer improvements		0.85		Sewer System Project	
I & I Rehab		0.027		Sewer System Project	
Repair/Upgrade WWTP equipment		0.175		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
1.052	\$80,874	\$107.51	0.257%

Overall cost of projects identified as of January 1, 2010 by the community of Kenyon as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.052 (million)

Kimball	COUNTY: Stearns	POPULATION*:	635	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,219
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab & Expand existing system		0.53		SFY 2010 PPL Sewer System Project / Rank:	234
South of HWY 55, West of Magnus Johnson		2		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.53	\$194,496	\$668.12	1.952%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Kimball as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.53 (million)</i>					

Knife River-Larsmont	COUNTY: Lake	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Knife River Sanitary Sewer Project		9		SFY 2009 PPL Unsewered Area Project / Rank:	178
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
9	\$691,884				

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Knife River-Larsmont Sanitary District as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9 (million)

Koochiching County	COUNTY: Koochiching	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Island View Voyageurs - Unsewered connecty to NKS	11.15	SFY 2010 PPL Sewer System Project / Rank: 267	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
11.15	\$857,167		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Koochiching County as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.15 (million)</i>			

La Crescent	COUNTY: Houston	POPULATION*: 4,923	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,433
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Wastewater Treatment Plant Modifications	0.8	SFY 2009 PPL Treatment Facilities Project / Rank: 260	
<i>Subtotal of Cost 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	\$28.53	0.063%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>La Crescent</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.8 (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 where there are 20 yr. repayment periods.

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

La Salle	COUNTY: Watonwan	POPULATION*:	90	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Collection and Treatment		1.66		SFY 2009 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, 2010 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)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
I and I Improvements		1.351		SFY 2010 PPL Sewer System Project / Rank: 90	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.351	\$103,859	\$462.74	1.260%		
--- 5 - 10 yr. ---					
WWTP: Chlorine Bldg. Feed		0.05		Wastewater Treatment Facilities Project	
WWTP: Spiralgester rehab.		0.035		Wastewater Treatment Facilities Project	
WWTP: Cover for Final Clarifier		0.025		Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.11	\$8,456	\$37.68	0.103%		

* 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2010 by the community of Lafayette
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1,461 (million)*

Lake Benton	COUNTY: Lincoln	POPULATION*:	703	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,583
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Lake Benton Ponds Rehabilitation		1.67		Wastewater Treatment Facilities Project	
Fremont Street Improvement		1.074		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>	
2.744	\$210,948		\$568.42	1.921%	

*Overall cost of projects identified as of January 1, 2010 by the community of Lake Benton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2,744 (million)*

Lake Crystal	COUNTY: Blue Earth	POPULATION*:	2,420	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,912
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
South Anna and south Hunt Street sewer rehab		0.05		Sewer System Project	
Yearly sewer main and lift station improvements		0.2		Sewer System Project	
South Anna and South Hunt Street Sewer Rehab		0.05		Sewer System Project	
Secondary Sludge Storage Tank		0.3		Wastewater Treatment Facilities Project	
Humphrey Street Lift Station - Lake		0.08		Sewer System Project	
Yearly Sewer Main and Lift Station Improvements		0.2		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
0.88	\$67,651	\$64.77	0.162%
--- 5 - 10 yr. ---			
Industrial Park 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>	<i>Annual Household Cost as % MHI</i>
0.125	\$9,610	\$9.20	0.023%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Lake Crystal</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.005 (million)

Lake Elmo	****	COUNTY: Washington	POPULATION*: 6,863	MEDIAN HOUSEHOLD INCOME (MHI)*: \$76,876
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
I-94 to 30th Street infrastructure project		4	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4		\$307,504	\$117.92	0.153%
--- 5 - 10 yr. ---				
Village infrastructure		13.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
13.1		\$1,007,076	\$386.18	0.502%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Lake Elmo</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>17.1 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Lake Elmo				

* 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Lake of the Woods Cou	COUNTY: Lake of the	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---				
Lake of the Woods County - Wheeler's Point		7.0039	SFY 2009 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, 2010 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)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Old Sewer Main Replacement and Rehabilitation	2.34	SFY 2010 PPL Sewer System Project / Rank: 89	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.34	\$179,890	\$525.65	1.600%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Lake Park</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>2.34 (million)</i>	

Lake Township (Warro	COUNTY: Roseau	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Lake Township - Lakewood MPH		1.9585	SFY 2009 PPL Unsewered Area Project / Rank: 21

* 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 where there are 20 yr. repayment periods.

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

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Lake Township - Lakewood MPH	1.9585	SFY 2009 PPL Unsewered Area Project / Rank: 219
Lake Township - Warroad Estates/Northern Lights MP	3.7756	SFY 2009 PPL Unsewered Area Project / Rank: 221
Lake Township - Warroad Estates/Northern Lights MP	3.7756	SFY 2009 PPL Unsewered Area Project / Rank: 221
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
11.4682	\$881,629	Annual Household Cost as % MHI
Overall cost of projects identified as of January 1, 2010 by the community of Lake Township (Warroad area)		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		11.468 (million)

Lakeville	****	COUNTY: Dakota	POPULATION*: 43,128	MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,404
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sanitary Sewer Trunk Extensions		0.275	Sewer System Project	
2011 inflow infiltration mitigation		0.05	Sewer System Project	
Sanitary Sewer Trunk Extensions		0.166	Sewer System Project	
Lift Stations 11 & 18 Rehab		0.07	Sewer System Project	
2013 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
Lift Stations1,3,4,5,and 20 rehab.		0.069	Sewer System Project	
Lift Station 9 Rehab		0.05	Sewer System Project	
2010 inflow infiltration mitigation		0.05	Sewer System Project	
Sanitary Sewer Reconstruction		0.091	Sewer System Project	
Sanitary sewer reconstruction		0.376	Sewer System Project	
2012 Inflow/Infiltration Mitigation		0.05	Sewer System Project	
Sanitary Sewer Trunk Extensions		0.132	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.429	\$109,856	\$7.27	0.010%	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability *Alphabetical by Name of Community*

--- 5 - 10 yr. ---

2014 Inflow/Infiltration Mitigation	0.05	Sewer System Project		
Lift Station 21 Rehab	0.014	Sewer System Project		
Lift Stations: 21,7,22,6,12,13,17,18,19,8 Rehab.	0.094	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.158	\$12,146	\$0.80	0.001%	

--- 10 - 20 yr. ---

Lift stations 6, 11, 12, 13, 17, 18, 8, 19 Rehab	0.28	Sewer System Project		
Lift Stations 16 and 23 Rehab	0.028	Sewer System Project		
Lift Station 10 Rehab	0.045	Sewer System Project		
Lift Station 24 Rehab	0.014	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.367	\$28,213	\$1.87	0.003%	

**Overall cost of projects identified as of January 1, 2010 by the community of Lakeville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.954 (million)**

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

Lamberton	COUNTY: Redwood	POPULATION*:	859	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,603
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
2009-2011 Infrastructure Improvements	2.649		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.649	\$203,645	\$467.55	1.635%		

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Lamberton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2,649 (million)*

Lansing Twp	COUNTY: Mower	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Lansing Twp - Expansion of Treatment Facilities		3.2	SFY 2009 PPL Unsewered Area Project / Rank: 191
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.2	\$246,003		
<i>Overall cost of projects identified as of January 1, 2010 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>			<i>3.2 (million)</i>

Lansing Twp 2 (Woodh	COUNTY: Mower	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Lansing Twp 2 (Woodhaven, etc.)		3.2	SFY 2009 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, 2010 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>			<i>3.2 (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 where there are 20 yr. repayment periods.

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Laporte	COUNTY: Hubbard	POPULATION*:	145	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Extension of Treatment to Unsewered Area		0.1		SFY 2009 PPL Unsewered Area Project / Rank:	184
Collection Rehab.		0.13		SFY 2010 PPL Sewer System Project / Rank:	177
Treatment Rehab.		0.12		SFY 2009 PPL Treatment Facilities Project / Rank:	177
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, 2010 by the community of Laporte					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					0.35 (million)

Le Center	COUNTY: Le Sueur	POPULATION*:	2,240	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,690
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab collection system		7.13		SFY 2010 PPL Sewer System Project / Rank:	117
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
7.13	\$548,126		\$588.68	1.522%	
Overall cost of projects identified as of January 1, 2010 by the community of Le Center					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					7.13 (million)

Le Roy	COUNTY: Mower	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Rehabilitation of sewer (E. Co. Rd & Read St)	0.4	Sewer System Project
Rehabilitation of stations	0.15	Sewer System Project
Rehabilitation of sewer (E. Sargent St)	0.4	Sewer System Project
Rehabilitation of sewer (E. Sargent St)	0.4	Sewer System Project
Rehabilitation of sewer (E. Co. Rd & Matler St)	0.8	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

<i>Subtotal of 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	\$294.60	0.859%

***Overall cost of projects identified as of January 1, 2010 by the community of Le Roy
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.5 (million)***

Le Sueur COUNTY: Le Sueur POPULATION*: 3,922 MEDIAN HOUSEHOLD INCOME (MHI)*: \$42,372
Project(s) Cost Estimate (millions) Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

North Second Street Rehab	0.3	Sewer System Project
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$13.43	0.032%

***Overall cost of projects identified as of January 1, 2010 by the community of Le Sueur
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.3 (million)***

* 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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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Lester Prairie	COUNTY: McLeod	POPULATION*:	1,377	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,271
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
TBD		0.211		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.211	\$16,221	\$28.29	0.064%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>				<i>Lester Prairie</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.211 (million)</i>

Lewiston	COUNTY: Winona	POPULATION*:	1,484	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$43,220
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Equalization Basin		1.1		SFY 2010 PPL Sewer System 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>		
1.1	\$84,564	\$141.46	0.327%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>				<i>Lewiston</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>

Lewisville	COUNTY: Watonwan	POPULATION*:	274	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,432
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Sewer System Improvements		0.25		Sewer System Project	

* 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

<i>Subtotal of Cost 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 Pr	1.54	SFY 2009 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%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Lewisville</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.79 (million)

Lime Creek	COUNTY: Murray	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Collection and Cluster Systems in Unsewered Area		0.2803	SFY 2009 PPL Unsewered Area Project / Rank: 15
<i>Subtotal of Cost 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, 2010 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>			0.2803 (million)

Lindstrom	COUNTY: Chisago	POPULATION*:	3,015	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$44,980
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Highway # 8 Sewer Reconstruction		0.406		Sewer System Project	
Minnesota Ave Connect Unsewered Area to CLJSD		0.26		SFY 2010 PPL Sewer System Project / Rank:	201

* 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

Mentzer / Melody Connect Unsewered Area to CLJSD	0.54	SFY 2010 PPL Sewer System Project / Rank:	318
Lakelawn Ave. Connect Unsewered Area to CLJSD	0.15	SFY 2010 PPL Sewer System Project / Rank:	224
Sewer Lining - Rehab collection system	0.15	SFY 2010 PPL Sewer System Project / Rank:	250
Glader Blvd. Connect Unsewered Area to CLJSD	0.32	SFY 2010 PPL Sewer System Project / Rank:	255
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.826	\$140,376	\$103.13	0.229%
Overall cost of projects identified as of January 1, 2010 by the community of Lindstrom			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.826 (million)

Lino Lakes	****	COUNTY: Anoka	POPULATION*: 16,791	MEDIAN HOUSEHOLD INCOME (MHI)*: \$75,708
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Shenandoah Area		0.3	Sewer System Project	
Black Duck Drive		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>
0.4		\$30,750	\$5.70	0.008%
<i>Overall cost of projects identified as of January 1, 2010 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*: 6,562	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,021
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Wastewater Treatment Facility improvements	14.857	SFY 2009 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
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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>
14.857	\$1,142,147	\$391.74	1.088%

*Overall cost of projects identified as of January 1, 2010 by the community of Litchfield
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 14.857 (million)*

Littlefork	COUNTY: Koochiching	POPULATION*: 680	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,917
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		
<i>Project Type / SFY 2010 PPL Listed - Rank</i>			

--- Current ---

Sewer Pond Dredging, Lift Station repair	0.1	Wastewater Treatment Facilities Project	
--	-----	---	--

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.1	\$7,688	\$25.82	0.068%

--- 10 - 20 yr. ---

Collection lines and lift stations	0.3	Sewer System Project	
Sewer pond dredging line and lift station replacement	0.125	Wastewater Treatment Facilities Project	
Stabilization Ponds	0.125	Wastewater Treatment Facilities Project	

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.55	\$42,282	\$141.99	0.374%

*Overall cost of projects identified as of January 1, 2010 by the community of Littlefork
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.65 (million)*

Long Lake	COUNTY: Hennepin	POPULATION*: 1,842	MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,139
<i>Project(s)</i>	<i>Cost Estimate (millions)</i>		
<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

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Sanitary Sewer Lining Project and Leaking Service Rep	0.34	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.34	\$26,138	\$31.12	0.056%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Long Lake</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.34 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Long Lake			

Longville	COUNTY: Cass	POPULATION*:	180	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,818
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
South side sewer replacment		0.633		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.633	\$48,663	\$425.21	1.586%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Longville</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.633 (million)</i>

Lonsdale	COUNTY: Rice	POPULATION*:	1,491	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,054
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Sludge drying Facilities		2		Wastewater Treatment Facilities Project	
Expansion of lonsdale WWTP#2		6.4		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
8.4	\$645,758	\$1,037.83	2.073%		

* 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 where there are 20 yr. repayment periods.

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

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*Overall cost of projects identified as of January 1, 2010 by the community of Lonsdale
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.4 (million)*

Louisburg	COUNTY: Lac qui Parl	POPULATION*:	26	MEDIAN HOUSEHOLD INCOME (MHI)*: \$18,750
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- Current ---				
Unsewered Potential Cluster SSTS		0.45		SFY 2009 PPL Unsewered Area Project / Rank: 173
<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>
0.45	\$34,594		\$2,394.98	12.773%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Louisburg as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.45 (million)</i>				

Lowry	COUNTY: Pope	POPULATION*:	271	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,591
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- Current ---				
Collection System Replacement		2		SFY 2010 PPL Sewer System Project / Rank: 43
Pond Updates		1.7		SFY 2009 PPL Treatment Facilities Project / Rank: 43
<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>
3.7	\$284,441		\$2,327.25	7.367%
<i>Overall cost of projects identified as of January 1, 2010 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)</i>				

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

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Lucan	COUNTY: Redwood	POPULATION*:	226	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab existing WWTF		0.6		SFY 2009 PPL Treatment Facilities Project / Rank:	360
<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>	
0.6	\$46,126		\$415.13	1.253%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Lucan as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.6 (million)
Luverne	COUNTY: Rock	POPULATION*:	4,617	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,271
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Barck Street Utility Improvements		0.1365		Sewer System Project	
Koehn Ave. Extension		0.1555		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>	
0.292	\$22,448		\$10.27	0.028%	
--- 5 - 10 yr. ---					
Phosphorus removal		0.5		Wastewater Treatment Facilities Project	
Second Oxidation Ditch		1.775		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>	
2.275	\$174,893		\$79.98	0.221%	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Luverne
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.567 (million)*

Mabel	COUNTY: Fillmore	POPULATION*:	766	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,228
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Initial Planning w/ Davy Engineering		0.6		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.6	\$46,126		\$123.18	0.452%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Mabel</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (million)</i>					

Madelia	COUNTY: Watonwan	POPULATION*:	2,340	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,219
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Stabilization Pond Decommissioning		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>	
1	\$76,876		\$75.95	0.222%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Madelia</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Madison	COUNTY: Lac qui Parl	POPULATION*: 1,768	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,102
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Upgrade #2 - Control Panel & Pump Upgrade	0.04	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.04	\$3,075	\$3.51	0.013%
Overall cost of projects identified as of January 1, 2010 by the community of Madison			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			0.04 (million)

Mahnomen	COUNTY: Mahnomen	POPULATION*: 1,202	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,000
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Rip-Rap repair	0.103	Wastewater Treatment Facilities Project	
Railing Street (Jefferson to Wigham)	0.389	Sewer System Project	
sanitary lift station improvements	0.42	SFY 2010 PPL Sewer System Project / Rank: 165	
1st Street (Washington to Roosevelt)	1.298	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
2.21	\$169,896	\$287.42	1.105%
Overall cost of projects identified as of January 1, 2010 by the community of Mahnomen			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			2.21 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Mahtomedi	****	COUNTY: Washington	POPULATION*: 7,563	MEDIAN HOUSEHOLD INCOME (MHI)*: \$72,215
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Iris Lift Station Reconstruction		0.3	Sewer System Project	
Quail Road Lift Station & Street and Utility Improveme		1.33	Sewer System Project	
Tamarack, East Shore, Kenwood, Quail, 60th Street Lift		1.3	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
2.93	\$225,247	\$80.99	0.112%	
--- 5 - 10 yr. ---				
Ideal Ave Street and Utility Improvement		3.237	Sewer System Project	
Bichner Lane & Bevins Lane Street & Utility Improvem		1.35	Sewer System Project	
Wedgewood Drive Lift Station Reconstruction		0.15	Sewer System Project	
Quail, Laurel, Dwinnel, Hazel Street & Utility Improve		3.877	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
8.614	\$662,210	\$238.11	0.330%	
Overall cost of projects identified as of January 1, 2010 by the community of Mahtomedi				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			11.544 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Mahtomedi	

Manchester		COUNTY: Freeborn	POPULATION*:	81	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,786
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Manchester			1.604		SFY 2009 PPL Unsewered Area Project / Rank: 11	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
1.604	\$123,309	\$3,468.07	12.947%

Overall cost of projects identified as of January 1, 2010 by the community of Manchester as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.604 (million)

Mankato		COUNTY: Blue Earth	POPULATION*: 32,427	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,956
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Ellis Birchwood		0.015	Sewer System Project	
Stolteman		1.56	Sewer System Project	
Mills-Thompson Ravine		0.264	Sewer System Project	
Rehab of Primary and Secondary Clarifiers		3.5	Wastewater Treatment Facilities Project	
Gravity Sanitary Sewers Relining Project		5.15	SFY 2010 PPL Sewer System Project / Rank: 95	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
10.489	\$806,352	\$58.68	0.173%	
--- 5 - 10 yr. ---				
UP R/W		0.37	Sewer System Project	
Ellis MSU		0.016	Sewer System Project	
Warren Street		0.102	Sewer System Project	
River Front		0.735	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.223	\$94,019	\$6.84	0.020%	

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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: 2009 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, 2010 by the community of Mankato
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.712 (million)*

Mantorville	COUNTY: Dodge	POPULATION*: 1,054	MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,735
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
WWTF Improvements	1.2	Wastewater Treatment Facilities Project	
Mantor Drive - Unsewered connect to existing system	0.545	SFY 2010 PPL Sewer System Project / Rank: 109	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.745	\$134,149	\$325.43	0.584%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Mantorville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.745 (million)</i>			

Maple Plain	****	COUNTY: Hennepin	POPULATION*: 2,088	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,938
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Oak Street sanitary sewer improvements (Boundary to B		0.235	Sewer System Project	
Main street and east sewer improvements (Budd to Pio		0.2	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.435	\$33,441	\$39.09	0.077%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Maple Plain as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.435 (million)</i>				

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

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

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**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Maplewood	****	COUNTY: Ramsey	POPULATION*: 34,947	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,596
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
2012 Rehabilitation			0.448	Sewer System Project
2011 Rehabilitation			0.55	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
1.298		\$99,785	\$6.53	0.013%
Overall cost of projects identified as of January 1, 2010 by the community of Maplewood				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				1.298 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of				Maplewood

Marble		COUNTY: Itasca	POPULATION*: 695	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,361
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Ellen St. Expansion			0.3	Sewer System Project
Twin Lake Lift Station			0.007	Sewer System Project
Subtotal of Cost Estimates (millions)		Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.307		\$23,601	\$74.01	0.270%
Overall cost of projects identified as of January 1, 2010 by the community of Marble				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs				0.307 (million)

* 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: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Marine on St Croix	COUNTY: Washington	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
		0.05	SFY 2010 PPL Sewer System Project / Rank: 361
<i>Subtotal of Cost 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		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Marine on St Croix as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			0.05 (million)

Marshall	COUNTY: Lyon	POPULATION*:	12,778	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,950
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Main Replacement		1.5		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
1.5	\$115,314	\$20.95		0.055%	
--- 5 - 10 yr. ---					
Sewer Main Replacement		1.5		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
1.5	\$115,314	\$20.95		0.055%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Marshall as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					3 (million)

* 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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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Mayer	COUNTY: Carver	POPULATION*:	404	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sanitary Sewer Rehabilitation		0.04		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.04	\$3,075		\$15.21	0.032%	
--- 5 - 10 yr. ---					
Sludge Storage and WWTP Expansion		0.6		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%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Mayer as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.64 (million)</i>

Mazeppa	COUNTY: Wabasha	POPULATION*:	80	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehabilitate & Expand Existing System		1		SFY 2010 PPL Sewer System Project / Rank: 159	
Rehabilitate & Expand Existing System		1		SFY 2009 PPL Treatment Facilities Project / Rank: 159	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2	\$153,752		\$3,739.91	10.282%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Mazeppa as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>2 (million)</i>

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

MCES - Metro Council	COUNTY: Metro Count	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		
--- Current ---					
MWWTP Nutrient Removal	2		Wastewater Treatment Facilities Project		
Interceptor 1-MN-310/320 Reconnection and Rehab.	4.7		Sewer System Project		
Interceptor Rehabilitation - Trenchless	11		Sewer System Project		
MWWTP Solids - Biosolids Storage	10		Wastewater Treatment Facilities Project		
Hopkins Forcemain Improvements	0.5		Sewer System Project		
Golden Valley Area Improv.	29.5		Sewer System Project		
Systemwide Odor Control Improvements	2.5		Wastewater Treatment Facilities Project		
Lift Station Improvements	23.9		Sewer System Project		
SWC Interceptor - Lake Elmo Connections	7.1		Sewer System Project		
Meter Improvements	9.751		Sewer System Project		
Interceptor WO-500 Rehabilitation	1.3		Sewer System Project		
Interceptor 1-MN-320 Reconnection and Rehab	2		Sewer System Project		
Seneca Disinfection & Phosphorus	1		Wastewater Treatment Facilities Project		
Elko-New Market Interceptor	8		Sewer System Project		
Interceptor Rehabilitation Program	12		Sewer System Project		
Edina-Richfield Area Improv. (Renamed: Bloomington-	32		Sewer System Project		
MWWTP Space Utilization/Facilities Improvements	87		Wastewater Treatment Facilities Project		
Rural Area Acquisitions & Improvements	3.2		Sewer System Project		
New Germany WWTP	6		Wastewater Treatment Facilities Project		
Northeast Interceptor System Improvements	0.6		Sewer System Project		
Chaska West Interceptor	10		Sewer System Project		
Shakopee Interceptor Improvements	0.8		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 where there are 20 yr. repayment periods.

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for projects indicated. Does not include community operation
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Alphabetical by Name of Community

St Bonifacius Interceptor Rehabilitation	1.5	Sewer System Project
Maplewood Interceptor Rehabilitation	2.7	Sewer System Project
SE Anoka Cnty Improv (formerly Blaine Relief Intercep	14.2	Sewer System Project
St. Croix Valley Headworks & Disinfection	3.5	Wastewater Treatment Facilities Project
Mpls/St Paul Interceptor Improvements	1.5	Sewer System Project
Mpls Interceptor 1-MN-303 Improvements	2.4	Sewer System Project
Hastings WWTP	19.3	Wastewater Treatment Facilities Project
Lift Station L-12 Improvements	1.6	Sewer System Project
Blue Lake System Improvements	96	Sewer System Project
East Bethel WWTP - Phase I	20	Wastewater Treatment Facilities Project
Blue Lake Plant Improvements	82	Wastewater Treatment Facilities Project
Elm Creek Interceptor	10.5	Sewer System Project
Trout Brook Interceptor	0.1	Sewer System Project
South St. Paul LS/FM Improvements	29	Sewer System Project
Northwest Interceptor System Improvements	7	Sewer System Project
Septage Management	0.3	Wastewater Treatment Facilities Project
Rosemount Interceptor	2	Sewer System Project
Plymouth Forcemain Improvements	4.4	Sewer System Project
Chaska Lift Station	10.4	Sewer System Project
Hopkins System Improvements	34	Sewer System Project
East Maintenance Base	1.5	Sewer System Project
Brooklyn Park Interceptor and LS Rehab	3	Sewer System Project
Burnsville Interceptor Rehabilitation	0.5	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
612.251	\$47,067,408	Annual Household Cost as % MHI
--- 5 - 10 yr. ---		

* 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

Small System Improvement Projects	3	Wastewater Treatment Facilities Project
Seneca Plant Solids Processing Improve.	10	Wastewater Treatment Facilities Project
Rural Area Acquisitions & Improvements	15	Sewer System Project
Systemwide Odor Control Improvements	0.5	Wastewater Treatment Facilities Project
Interceptor Rehabilitation - Major	160	Sewer System Project
Northwest Interceptor System Improvements	85	Sewer System Project
MWWTP Solids - Biosolids Storage	8	Wastewater Treatment Facilities Project
Empire Plant - Phase II	12	Wastewater Treatment Facilities Project
SWC Interceptor - Lake Elmo Connections	10	Sewer System Project
Interceptor Rehabilitation Program	23	Sewer System Project
Crow River Water Reclamation Plant	58	Wastewater Treatment Facilities Project
Blue Lake System Improvements	55	Sewer System Project
MWWTP Space Utilization/Facilities Improvements	14	Wastewater Treatment Facilities Project
Interceptor 1-MN-320 Reconnection and Rehab	2	Sewer System Project
Interceptor 1-MN-310/320 Reconnection and Rehab.	75	Sewer System Project
Mpls/St Paul Interceptor Improvements	41	Sewer System Project
Hastings WWTP	40	Wastewater Treatment Facilities Project
Shakopee Interceptor Improvements	18.5	Sewer System Project
East Bethel WWTP - Phase II	10	Wastewater Treatment Facilities Project
Northeast Interceptor System Improvements	30	Sewer System Project
Blue Lake Plant Improvements	50	Wastewater Treatment Facilities Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost*** Annual Household Cost as % MHI
720	\$55,350,720	
--- 10 - 20 yr. ---		
Seneca Plant Solids Processing Improve.	70	Wastewater Treatment Facilities Project
Empire Plant - Phase II	8	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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Northeast Interceptor System Improvements	140	Sewer System Project
Interceptor Rehabilitation - Major	300	Sewer System Project
Northwest Interceptor System Improvements	90	Sewer System Project
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***
608	\$46,740,608	Annual Household Cost as % MHI
Overall cost of projects identified as of January 1, 2010 by the community of		
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		1940.3 (million)

McGrath	COUNTY: Aitkin	POPULATION*:	74	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
McGrath - Corrective Action Project	0.5		SFY 2009 PPL Treatment Facilities Project / Rank: 224		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.5	\$38,438	\$1,115.94	4.602%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>McGrath</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>			

McIntosh	COUNTY: Polk	POPULATION*:	388	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,328
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Rehab Facilities and Collection System		2.106		SFY 2009 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		
2.106	\$161,901	\$893.93	2.853%		

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

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*Overall cost of projects identified as of January 1, 2010 by the community of McIntosh
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.106 (million)*

Melrose	COUNTY: Stearns	POPULATION*:	3,091	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,432
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
2008 Grit Removal Improvement Project		3		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3	\$230,628		\$179.40	0.521%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Melrose as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3 (million)</i>					

Menahga	COUNTY: Wadena	POPULATION*:	1,220	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$22,232
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Menahga Wastewater Treatment Facility		1.4625		SFY 2009 PPL Treatment Facilities Project / Rank:	151
Rittenhouse Extension		0.42		SFY 2010 PPL Sewer System Project / Rank:	187
Oak Avenue (Rittenhouse Addition) - Utility Extensions		0.11		Sewer System Project	
Blueberry Addition - Utility Extensions		0.13		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.1225	\$163,169		\$299.09	1.345%	

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

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Overall cost of projects identified as of January 1, 2010 by the community of **Menahga**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **2.1225 (million)**

Mentor	COUNTY: Polk	POPULATION*:	150	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$21,705
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area Collection		0.925		SFY 2009 PPL Unsewered Area Project / Rank: 129	
Unsewered Area Treatment Facilities		0.925		SFY 2009 PPL Unsewered Area Project / Rank: 129	
<i>Subtotal of 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, 2010 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: Steele	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Collection and Treatment for Unsewered Area		1.6241		SFY 2009 PPL Unsewered Area Project / Rank: 22	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.6241	\$124,854				

Overall cost of projects identified as of January 1, 2010 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)**

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

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Middle River	COUNTY: Marshall	POPULATION*:	319	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,929
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Primary Pond Expansion Project		0.57		SFY 2009 PPL Treatment Facilities Project / Rank:	57
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.57	\$43,819		\$259.46	1.084%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Middle River</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.57 (million)

Milaca	COUNTY: Mille Lacs	POPULATION*:	2,580	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,964
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Milaca Wastewater Treatment Facility		13.1365		SFY 2009 PPL Treatment Facilities Project / Rank:	364
<i>Subtotal of 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%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Milaca</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					13.137 (million)

Milroy	COUNTY: Redwood	POPULATION*:	271	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,625
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sunrise Addition		0.5		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: 2009 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, 2010 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
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Miltona Wastewater Treatment Facility Expansion		1.273	Wastewater Treatment Facilities Project
Miltona		0.745	SFY 2010 PPL Sewer System Project / Rank: 170
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.018	\$155,136	\$1,193.35	4.212%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Miltona as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.018 (million)</i>			

Minneapolis	COUNTY: Hennepin	POPULATION*: 382,618	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,974
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
1-5 year needs		4	Sewer System Project
Inflow Disconnect		6.6	SFY 2010 PPL Sewer System Project / Rank: 48
Flow Metering		0.9	SFY 2010 PPL Sewer System Project / Rank: 47
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
11.5	\$884,074	\$4.90	0.013%

* 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

--- 5 - 10 yr. ---

5-10 year need	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	\$1.70	0.004%

--- 10 - 20 yr. ---

10-20 year need	60	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
60	\$4,612,560	\$25.57	0.067%

*Overall cost of projects identified as of January 1, 2010 by the community of Minneapolis
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 75.5 (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 2010 PPL Listed - Rank</i>
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--- Current ---

2nd street project	0.3	Sewer System Project
Jefferson St/ TH 68 Sanitary Storm Sewer Improvement	2.35	SFY 2010 PPL Sewer System Project / Rank: 38

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.65	\$203,721	\$310.76	0.854%

*Overall cost of projects identified as of January 1, 2010 by the community of Minneota
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.65 (million)*

Minnesota City	COUNTY: Winona	POPULATION*: 235	MEDIAN HOUSEHOLD INCOME (MHI)*: \$46,458
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Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
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* Pop. and MHI from 2000 Census. Values for Special Districts and Unsewered Areas are not provided.

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Alphabetical by Name of Community

--- Current ---

		2.5	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.5	\$192,190	\$2,059.18	4.432%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Minnesota City as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>2.5 (million)</i>

Minnetonka	****	COUNTY: Hennepin	POPULATION*: 51,301	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,979
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Lift Station 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	\$1.62	0.002%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Minnetonka as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.5 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of				Minnetonka

Minnetrista	****	COUNTY: Hennepin	POPULATION*: 4,358	MEDIAN HOUSEHOLD INCOME (MHI)*: \$90,347
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Annual Sewer Rehabilitation Program		0.386	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.386	\$29,674	\$17.75	0.020%	

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*Overall cost of projects identified as of January 1, 2010 by the community of Minnetrista
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.386 (million)*

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

Monticello	COUNTY: Wright	POPULATION*: 7,868	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,384
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
In Signia Lift Station and Forcemain	0.38	Sewer System Project	
Otter Creek Force main Extension to SE I	1.8	SFY 2010 PPL Sewer System Project / Rank: 222	
Riverstreet Trunk sanitary sewer replacement	1	Sewer System Project	
Add 4th sbr tank	2.042	Wastewater Treatment Facilities Project	
Replace interceptor from hart blvd. to WWTP	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>
5.592	\$429,891	\$131.42	0.290%
--- 5 - 10 yr. ---			
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	
Southeast Interceptor (Reservoir Lift Station to South Ci	2.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.27	\$251,385	\$76.85	0.169%
--- 10 - 20 yr. ---			
Add sbr tanks 5 and 6	6	SFY 2009 PPL Treatment Facilities Project / Rank: 222	
36 inch southeast interceptor phase 3	0.002006	Sewer System Project	
Long Lake Lift Station and Forcemain	0.465	Sewer System Project	
12 inch Southeast interceptor-east phase 2	0.63	Sewer System Project	

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

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18 inch southeast interceptor-west phase 1	0.43	Sewer System Project		
18 inch southeast interceptor-east phase I	0.56	Sewer System Project		
Southeast area lift station and forcemain	0.425	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, 2010 by the community of Monticello				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			17.374 (million)	

Montrose	COUNTY: Wright	POPULATION*: 1,143	MEDIAN HOUSEHOLD INCOME (MHI)*: \$39,583
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
TH 25 Improvements	0.7	Sewer System Project	
Emerson Avenue Reconstruct	0.011	Sewer System Project	
Wastewater Treatment Facility Improvements	7	Wastewater Treatment Facilities Project	
Sanitary Sewer Lining	0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.211	\$631,229	\$1,251.33	3.161%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Montrose as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
<i>8,211 (million)</i>			

Moorhead	COUNTY: Clay	POPULATION*: 32,177	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,781
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			

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

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WWTP:Water System Improv.	0.13	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP: Disinfection System Improv	0.7	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Maintenance Shop HVAC	0.16	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Scum Handling Phase I	0.079	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Plant drains, pumps, pipes	0.039	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Plant Electrical system	0.37	SFY 2009 PPL Treatment Facilities Project / Rank:	115
High voltage distribution equipment	0.19	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Oxygen generation system	0.39	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP: Bar Screen Conveyor Improv	0.1	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP: Plant Air Compress Improv	0.6	SFY 2009 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
2.758	\$212,024	\$16.37	0.047%
--- 5 - 10 yr. ---			
WWTP: Screw pump Improv	0.66	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP: LOX storage tank improv	0.25	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Primary Sludge pumps	0.18	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Scum Handling Phase 2	0.079	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP: Aeration Mixer Improvements	1.06	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Effluent nitrification MMC, PLC	0.7	Wastewater Treatment Facilities Project	
Oxygen system compressor phase 1	0.57	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP:Oxygen System Instrumentation	0.3	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Oxygen System Compressor Phase 2	0.28	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Disinfection Phase 2	0.53	SFY 2009 PPL Treatment Facilities Project / Rank:	115
Sanitary Lift Stations Rehab and Expansion: # 19, #13	0.27	SFY 2010 PPL Sewer System Project / Rank:	115
WWTP: Plant Flushing Water System	0.56	SFY 2009 PPL Treatment Facilities Project / Rank:	115
WWTP: Oxygen System Pneumatic /Electric Controls	0.32	SFY 2009 PPL Treatment Facilities Project / Rank:	115

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WWTP: Final Clarifier Sludge System Improv.	1.67	SFY 2009 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
7.429	\$571,112	\$44.08	0.127%
--- 10 - 20 yr. ---			
Scum Handling Phase 4	0.07	Wastewater Treatment Facilities Project	
Grit Cyclone	0.07	Wastewater Treatment Facilities Project	
Primary Scum collection	0.42	Wastewater Treatment Facilities Project	
Septage receiving equipment	0.022	Wastewater Treatment Facilities Project	
WWTP: Vertical Turbine Pump Improv	0.66	Wastewater Treatment Facilities Project	
WWTP: RAS Pump Valve Improvements	0.31	Wastewater Treatment Facilities Project	
WWTP: Bar Screen Improv	1.32	Wastewater Treatment Facilities Project	
WWTP: Primary Clarifier Drive	0.99	Wastewater Treatment Facilities Project	
Grit Pumps	0.07	Wastewater Treatment Facilities Project	
Secondary treatment MMC, PLC, HVAC	1.26	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***	Annual Household Cost as % MHI
6.952	\$534,442	\$41.25	0.119%
Overall cost of projects identified as of January 1, 2010 by the community of Moorhead			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			17.139 (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 2010 PPL Listed - Rank</i>	
--- Current ---			
Rehab Pond Structures	3.44	SFY 2009 PPL Treatment Facilities Project / Rank: 18	

* 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 where there are 20 yr. repayment periods.

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.44	\$264,453	\$412.49	1.520%
--- 5 - 10 yr. ---			
Lagoon Expansion	1.13	SFY 2009 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>
1.13	\$86,870	\$135.50	0.499%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Moose Lake</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			4.57 (million)

Mora	COUNTY: Kanabec	POPULATION*: 3,193	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,566
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
WWTP Improvement - Rehab Clarifiers	3.5	SFY 2009 PPL Treatment Facilities Project / Rank:	276
Expand Sludge Storage	0.255	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>
3.755	\$288,669	\$188.13	0.615%
<i>Overall cost of projects identified as of January 1, 2010 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>			3.755 (million)

Morgan	COUNTY: Redwood	POPULATION*: 903	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,673
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
3rd Street Project	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 where there are 20 yr. repayment periods.

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Infrastructure Improvements	6.21	SFY 2010 PPL Sewer System Project / Rank:	66
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.36	\$488,931	\$1,167.21	3.805%
--- 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>	<i>Annual Household Cost as % MHI</i>
0.655	\$50,354	\$120.21	0.392%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Morgan</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>7.015 (million)</i>	

Morris	COUNTY: Stevens	POPULATION*: 5,068	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,786
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2nd St. Rehabilitation	0.75	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.75	\$57,657	\$26.90	0.085%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Morris</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			
			<i>0.75 (million)</i>

Morton	COUNTY: Renville	POPULATION*: 442	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,298
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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I & I Improvements	4.0736	SFY 2010 PPL Sewer System Project / Rank:	128
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.0736	\$313,162	\$1,416.31	4.012%

Overall cost of projects identified as of January 1, 2010 by the community of Morton as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4.0736 (million)

Motley	COUNTY: Morrison	POPULATION*: 585	MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,438
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab Collection System		1.5	SFY 2010 PPL Sewer System Project / Rank: 179
Rehab WWTF and Advanced Treatment		1.5	SFY 2009 PPL Treatment Facilities Project / Rank: 179
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3	\$230,628	\$804.52	3.433%

Overall cost of projects identified as of January 1, 2010 by the community of Motley as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3 (million)

Mound	COUNTY: Hennepin	POPULATION*: 9,435	MEDIAN HOUSEHOLD INCOME (MHI)*: \$60,671
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 10 - 20 yr. ---			
Replace out of date lift stations		7.2	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
7.2	\$553,507	\$125.10	0.206%

* 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

*Overall cost of projects identified as of January 1, 2010 by the community of Mound
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.2 (million)*

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

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 2010 PPL Listed - Rank</i>
--- Current ---				
Rehab existing treatment plant		0.7693		SFY 2009 PPL Treatment Facilities Project / Rank: 168
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.7693	\$59,141	\$40.14	0.114%	

*Overall cost of projects identified as of January 1, 2010 by the community of Mountain Iron
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.7693 (million)*

Murdock	COUNTY: Swift	POPULATION*: 303	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,750	
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Wastewater Treatment Facility Improvements		0.5		SFY 2009 PPL Treatment Facilities Project / Rank: 188
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$38,438	\$274.56	0.955%	

*Overall cost of projects identified as of January 1, 2010 by the community of Murdock
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.5 (million)*

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

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Myrtle	COUNTY: Freeborn	POPULATION*:	63	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,125
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area Collection System		1		SFY 2009 PPL Unsewered Area Project / Rank: 12	
Unsewered Area Treatment System		1		SFY 2009 PPL Unsewered Area Project / Rank: 12	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
2	\$153,752		\$4,612.56	19.946%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Myrtle as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					2 (million)
Nashwauk	COUNTY: Itasca	POPULATION*:	935	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,146
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Extension Expanding Existing System & Treat S		2.7592		SFY 2010 PPL Sewer System Project / Rank: 122	
Sewer Rehab.		1.2433		SFY 2010 PPL Sewer System Project / Rank: 282	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
4.0025	\$307,696		\$638.08	2.440%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Nashwauk as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					4.0025 (million)
New Germany	COUNTY: Carver	POPULATION*:	450	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,094
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	

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

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--- Current ---

Sewer Treatment	3.5	Wastewater Treatment Facilities Project	
Infrastructure Improvement Project	3.46	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.96	\$535,057	\$55.57	0.154%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>New Germany</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>6.96 (million)</i>	

New Munich	COUNTY: Stearns	POPULATION*:	4,559	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$38,750
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Expand WWTF	0.58		SFY 2009 PPL Treatment Facilities Project / Rank: 116		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.58	\$44,588	\$23.69	0.061%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of New Munich</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					0.58 (million)

New Prague	COUNTY: Scott	POPULATION*:	116	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,750
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
2009 Street Reconstruction	0.145		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.145	\$11,147	\$323.62	0.775%		

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

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*Overall cost of projects identified as of January 1, 2010 by the community of New Prague
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.145 (million)*

New Richland	COUNTY: Waseca	POPULATION*: 1,359	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,406
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Phosphorus Removal	0.262	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.262	\$20,142	\$3.30	0.009%
--- 5 - 10 yr. ---			
3rd Street N.E. Lift Station 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	\$1.26	0.003%
<i>Overall cost of projects identified as of January 1, 2010 by the community of New Richland as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.362 (million)</i>			

New York Mills	COUNTY: Otter Tail	POPULATION*: 3,715	MEDIAN HOUSEHOLD INCOME (MHI)*: \$27,596
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Utility Rehabilitation - Tousley Avenue	0.8	Sewer System Project	
So. Main Utilities Rehab	1.4	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	\$107.34	0.389%

* 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 where there are 20 yr. repayment periods.

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*Overall cost of projects identified as of January 1, 2010 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 2.2 (million)*

Newport	****	COUNTY: Washington	POPULATION*:	1,197	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,373
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Sewer Rehab.			0.95		SFY 2010 PPL Sewer System Project / Rank:	286
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.95		\$73,032		\$136.08	0.300%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Newport as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.95 (million)</i>						
		**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of				Newport

Nielsenville		COUNTY: Polk	POPULATION*:	91	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,750
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---						
Force Main Replacement			0.15		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.15		\$11,531		\$259.46	0.935%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Nielsenville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.15 (million)</i>						

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

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Nisswa	COUNTY: Crow Wing	POPULATION*:	1,953	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,306
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Filtration Expansion	1.2		Wastewater Treatment Facilities Project		
Wastewater treatment facility expansion	4.5		SFY 2009 PPL Treatment Facilities Project / Rank: 291		
Area #3, County Rd 18 Expansion	2.415		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
8.115	\$623,849		\$685.55	1.419%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Nisswa</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					8.115 (million)

North Branch	COUNTY: Chisago	POPULATION*:	8,023	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,294
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Wastewater Treatment Plant Phase II	5		Wastewater Treatment Facilities Project		
North Branch Sewer Rehab	4		Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
9	\$691,884		\$221.21	0.440%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of North Branch</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					9 (million)

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

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North Mankato	COUNTY: Nicollet	POPULATION*:	3,883	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$48,816
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer System extensions/Rehabilitations		2.7		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>	
2.7	\$207,565		\$143.70	0.294%	
<i>Overall cost of projects identified as of January 1, 2010 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>2.7 (million)</i>

Northern Township	COUNTY: Beltrami	POPULATION*:	4,021	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Northern Twsp.		7.62		SFY 2009 PPL Unsewered Area Project / Rank: 228	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
7.62	\$585,795				
<i>Overall cost of projects identified as of January 1, 2010 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
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Heath Creek Interceptor		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Fourth Street: Washington St to Nevada St	0.3	Sewer System Project		
Southern Cannon river Crossing	0.6	Sewer System Project		
Second Street West: Lincoln St to TH 3	0.5	Sewer System Project		
Lockwood Drive Reconstruction	0.1	Sewer System Project		
8th St Reconstruction (Water to Washington St)	0.1	Sewer System Project		
NW Sanitary Sewer Expansion	1.8	Sewer System Project		
Babcock Park Interceptor	0.5	Sewer System Project		
Linden Street: St. Olaf to Greenvale	0.2	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	\$61.25	0.123%	
--- 5 - 10 yr. ---				
Poplar Reconstruction	0.18	Sewer System Project		
Hall Avenue	0.85	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		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.47	\$113,008	\$21.44	0.043%	
--- 10 - 20 yr. ---				
9th Street - Spring to T.H. 3	0.15	Sewer System Project		
Florellas: Multek to Florellas South Edge	0.1	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		
Fareway Drive	0.19	Sewer System Project		
Plum Street: St. Olaf to Greenvale	0.2	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
1.52	\$116,852	\$22.17	0.044%	

* 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 where there are 20 yr. repayment periods.

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*Overall cost of projects identified as of January 1, 2010 by the community of Northfield
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.19 (million)*

Northome	COUNTY: Koochiching	POPULATION*:	230	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,417
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Treatment		2.5		SFY 2009 PPL Treatment Facilities Project / Rank:	125
Rehab Collection		2.5		SFY 2010 PPL Sewer System Project / Rank:	125
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
5	\$384,380		\$70.47	0.277%	

*Overall cost of projects identified as of January 1, 2010 by the community of Northome
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5 (million)*

Norwood Young Ameri	COUNTY: Carver	POPULATION*:	3,108	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$46,152
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
CIP pipe lining		0.09		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>	
0.09	\$6,919		\$5.32	0.012%	

*Overall cost of projects identified as of January 1, 2010 by the community of Norwood Young America
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.09 (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 where there are 20 yr. repayment periods.

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Odessa	COUNTY: Big Stone	POPULATION*:	113	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,125
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Replacement of Collection System and Lift Station		1.4	SFY 2010 PPL Sewer System Project / Rank: 71		
<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>	
1.4	\$107,626		\$1,761.16	7.616%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Odessa</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>1.4 (million)</i>					

Odin	COUNTY: Watonwan	POPULATION*:	125	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,625
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 5 - 10 yr. ---					
Unsewered collection system	1.74		SFY 2009 PPL Unsewered Area Project / Rank: 8		
Unsewered treatment system	1.74		SFY 2009 PPL Unsewered Area Project / Rank: 8		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.48	\$267,528		\$3,883.48	15.155%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>					
<i>Odin</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
<i>3.48 (million)</i>					

Ogilvie	COUNTY: Kanabec	POPULATION*:	474	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,292
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					

* 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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Collection System 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
0.13	\$9,994	\$49.42	0.181%
--- 5 - 10 yr. ---			
WWTF Improvements	3.5	Wastewater Treatment Facilities Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
3.5	\$269,066	\$1,330.55	4.875%
Overall cost of projects identified as of January 1, 2010 by the community of Ogilvie			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			3.63 (million)

Olivia	COUNTY: Renville	POPULATION*: 2,570	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,060
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Rehab treatment system	3.2286	SFY 2009 PPL Treatment Facilities Project / Rank: 223	
Rehab collection system	3.2286	SFY 2010 PPL Sewer System Project / Rank: 223	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.4572	\$496,404	\$415.59	1.185%
Overall cost of projects identified as of January 1, 2010 by the community of Olivia			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		6.4572 (million)	

Onamia	COUNTY: Mille Lacs	POPULATION*: 847	MEDIAN HOUSEHOLD INCOME (MHI)*: \$21,250
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			

* 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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Secondary Treatment	0.118	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>
0.118	\$9,071	\$25.67	0.121%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Onamia</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>0.118 (million)</i>

Ormsby	COUNTY: Watonwan	POPULATION*:	154	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,500
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Ormsby	1.8		SFY 2009 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%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Ormsby</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>			

Ortonville	COUNTY: Big Stone	POPULATION*:	2,158	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,614
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
McCloud Street - Rehab collection system		0.655	SFY 2010 PPL Sewer System Project / Rank: 123		
Rehab collection system		0.655	SFY 2010 PPL Sewer System Project / Rank: 72		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>		<i>Annual Household Cost as % MHI</i>	
1.31	\$100,708	\$98.20		0.321%	

* 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

*Overall cost of projects identified as of January 1, 2010 by the community of Ortonville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.31 (million)*

Oslo	COUNTY: Marshall	POPULATION*:	347	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Rehab collection system		0.2875		SFY 2010 PPL Sewer System Project / Rank:	266
Rehab treatment system		0.2875		SFY 2009 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>	
0.575	\$44,204		\$268.81	0.782%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Oslo</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.575 (million)</i>

Ostrander	COUNTY: Fillmore	POPULATION*:	212	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,875
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
3 yr. Sewer maintance Rochester Roto Rooter		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		\$24.22	0.058%	
--- 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%	

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

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*Overall cost of projects identified as of January 1, 2010 by the community of Ostrander
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.535 (million)*

Ottertail	COUNTY: Otter Tail	POPULATION*:	451	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,188
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Collection and Treatment		3.76		SFY 2009 PPL Unsewered Area Project / Rank: 367	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.76	\$289,054		\$1,369.20	4.254%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Ottertail as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.76 (million)</i>					

Owatonna	COUNTY: Steele	POPULATION*:	22,434	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,660
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Northwest Sanitary Sewer Trunk Line		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		\$7.95	0.017%	
--- 5 - 10 yr. ---					
Southeast Sanitary Sewer Trunk Line		14		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>	
14	\$1,076,264		\$111.29	0.244%	

* 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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*Overall cost of projects identified as of January 1, 2010 by the community of Owatonna
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 15 (million)*

Palisade	COUNTY: Aitkin	POPULATION*:	118	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,083
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---					
Palisade WWTP		0.83		SFY 2010 PPL Sewer System Project / Rank:	338
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.83	\$63,807		\$1,083.52	4.001%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Palisade as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.83 (million)</i>					

Park Rapids	COUNTY: Hubbard	POPULATION*:	991	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,628
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Airport Utilities		0.294		Sewer System Project	
Third Street Utilites		0.622		Sewer System Project	
Riverside Avenue Utilities		0.872		Sewer System Project	
Main Avenue Utility Project		0.5		SFY 2010 PPL Sewer System Project / Rank:	228
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.288	\$175,892		\$394.77	1.671%	

* 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 where there are 20 yr. repayment periods.

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

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*Overall cost of projects identified as of January 1, 2010 by the community of Park Rapids
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.288 (million)*

Parkers Prairie	COUNTY: Otter Tail	POPULATION*: 3,276	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,618
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Sewer extensions and improvements		0.644	SFY 2010 PPL Sewer System Project / Rank: 232
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.644	\$49,508	\$30.19	0.105%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Parkers Prairie as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.644 (million)</i>			

Paynesville	COUNTY: Stearns	POPULATION*: 2,267	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,000
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab and convert to activated sludge		5.9	SFY 2009 PPL Treatment Facilities Project / Rank: 193
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.9	\$453,568	\$437.06	1.285%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Paynesville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.9 (million)</i>			

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

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Pease	COUNTY: Mille Lacs	POPULATION*:	163	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,833
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2009 Utility Extensions Pease		0.4		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.4	\$30,750		\$446.38	1.246%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Pease as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.4 (million)

Pelican Group of Lakes	COUNTY: Grant	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Pelican Group of Lakes Improvement Dist		16.95		SFY 2009 PPL Unsewered Area Project / Rank: 269	
<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>	
16.95	\$1,303,048				
<i>Overall cost of projects identified as of January 1, 2010 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</i>					16.95 (million)

Pelican Rapids	COUNTY: Otter Tail	POPULATION*:	2,374	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,232
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Rehab		2.2		SFY 2010 PPL Sewer System Project / Rank: 49	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
2.2	\$169,127	\$172.19	0.632%

Overall cost of projects identified as of January 1, 2010 by the community of Pelican Rapids as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.2 (million)

Pequot Lakes	COUNTY: Crow Wing	POPULATION*: 947	MEDIAN HOUSEHOLD INCOME (MHI)*: \$23,812
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Expansion of Collection System - Highway 371 Area	0.75	SFY 2010 PPL Sewer System Project / Rank: 132	
Rehab. Collection System	2	SFY 2010 PPL Sewer System Project / Rank: 131	
Sanitary Sewer Main Rehab	0.8	Sewer System Project	
Rehab. Treatment Facilities Add Spray Irrigation	2	SFY 2009 PPL Treatment Facilities Project / Rank: 131	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.55	\$426,662	\$801.66	3.367%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Pequot Lakes as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.55 (million)</i>			

Perham	COUNTY: Otter Tail	POPULATION*: 2,559	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,397
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Wastewater treatment facility expansion & Infiltration B	3.5	SFY 2009 PPL Treatment Facilities Project / Rank: 194	
Second Avenue SW Street and Utility Improvements	0.639	SFY 2010 PPL Sewer System Project / Rank: 195	
Clearwater Estates First Addition	1.213	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Third avenue southwest street and utility improvements	0.273	SFY 2010 PPL Sewer System Project / Rank:	195
Fifth avenue SE street and utility improvements	0.333	SFY 2010 PPL Sewer System Project / Rank:	195
First avenue South street and utility improvements	0.313	SFY 2010 PPL Sewer System Project / Rank:	195
Third street SW (hospital) street and utility improvemen	0.13	SFY 2010 PPL Sewer System Project / Rank:	195
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
6.401	\$492,083	\$401.15	1.413%
Overall cost of projects identified as of January 1, 2010 by the community of Perham			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			6.401 (million)

Perley	COUNTY: Norman	POPULATION*:	121	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$31,250
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab Treatment System	0.7		SFY 2009 PPL Treatment Facilities Project / Rank: 110		
Rehab Collection	0.7		SFY 2010 PPL Sewer System Project / Rank: 110		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.4	\$107,626	\$1,827.62	5.848%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Perley</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					1.4 (million)

Pine City	COUNTY: Pine	POPULATION*:	3,043	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,118
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
2010 Reconstruction		0.12		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Replace existing facility with a mechanical plant	30	SFY 2009 PPL Treatment Facilities Project / Rank:	198
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
30.12	\$2,315,505	\$1,705.36	5.857%
Overall cost of projects identified as of January 1, 2010 by the community of Pine City			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			30.12 (million)

Pine Island	COUNTY: Goodhue	POPULATION*: 2,337	MEDIAN HOUSEHOLD INCOME (MHI)*: \$47,500
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Replace Barscreen	0.3	Wastewater Treatment Facilities Project	
Primary Clarifier Rehab	0.15	Wastewater Treatment Facilities Project	
Lift Station, 1 & 2 Upgrade	0.16	Sewer System Project	
Valve Replacement	0.02	Wastewater Treatment Facilities Project	
Replace Current Grit System with a New Unit	0.085	Wastewater Treatment Facilities Project	
Replace All Above Ground Aeration Lines	0.02	Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.735	\$56,504	\$58.86	0.124%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Pine Island</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>0.735 (million)</i>	

Pipestone	COUNTY: Pipestone	POPULATION*: 4,280	MEDIAN HOUSEHOLD INCOME (MHI)*: \$30,412
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Phase 3	0.7	Sewer System Project		
Phase 1C 7th Ave SW & 4th St SW	0.2	Sewer System Project		
Expand Existing Treatment - Additional Pond	2.3	SFY 2009 PPL Treatment Facilities Project / Rank:	54	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
3.2	\$246,003	\$116.53	0.383%	
--- 5 - 10 yr. ---				
Mitthun, Suda & Lammars Sanitary Sewer Extension	2	Sewer System Project		
Phase 4	0.63	Sewer System Project		
Phase 1B	2.4	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
5.03	\$386,686	\$183.17	0.602%	
--- 10 - 20 yr. ---				
Phase 8	0.67	Sewer System Project		
Phase 5	2	Sewer System Project		
Phase 7	1.6	Sewer System Project		
Phase 6	1.4	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
5.67	\$435,887	\$206.47	0.679%	
Overall cost of projects identified as of January 1, 2010 by the community of Pipestone				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			13.9 (million)	

Plymouth

COUNTY: Hennepin

POPULATION*: 65,894

MEDIAN HOUSEHOLD INCOME (MHI)*: \$77,008

Project(s)

Cost Estimate (millions)

Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

Sewer Main and Lift Station - Vicksburg and 54th to 20	0.41	Sewer System Project		
Annual Sewer Lining	0.5	Sewer System Project		
Ferndale North Lift Station Rehab	0.8	Sewer System Project		
Imperial Hills Lift Station Rehab	0.75	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.46	\$189,115	\$6.86	0.009%	
--- 5 - 10 yr. ---				
Green Tree Lift Station Rehab	0.19	Sewer System Project		
Bass Lake Plaza Lift Station Rehab	0.19	Sewer System Project		
Kingswood Farm Lift Station Rehab	0.19	Sewer System Project		
Waterfront Lift Station Rehab	0.22	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.79	\$60,732	\$2.20	0.003%	
--- 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, 2010 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>			<i>20.05 (million)</i>	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Plymouth				

Pope County - Lk Min	COUNTY: Pope	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Pope County - Lk Minnewaska/Lk Pelican		15.25	SFY 2009 PPL Unsewered Area Project / Rank: 235

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
15.25	\$1,172,359		

Overall cost of projects identified as of January 1, 2010 by the community of Pope County - Lk Minnewaska/Lk Pelican as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 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 2010 PPL Listed - Rank</i>	
--- Current ---				
NW Trunk sewer Extension Phase 2	0.772	Sewer System Project		
Expansion of Existing Wastewater Facilities	13.24	SFY 2009 PPL Treatment Facilities Project / Rank: 253		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
14.012	\$1,077,187	\$596.96	1.695%	
--- 5 - 10 yr. ---				
NW trunk sewer extension Phase 3	0.446995	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.446995	\$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 5	0.370645	Sewer System Project		
NW Trunk Sewer extension Phase 6	0.906565	Sewer System Project		
<i>Subtotal of 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%	

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of **Princeton**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 16.109 (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 2010 PPL Listed - Rank</i>
--- Current ---				
Sanitary Sewer Slip Lining			0.75	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.75		\$57,657	\$9.19	0.012%

*Overall cost of projects identified as of January 1, 2010 by the community of **Prior Lake**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.75 (million)*

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

Quamba		COUNTY: Kanabec	POPULATION*: 98	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,125
Project(s)			<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---				
Unsewered connect to Mora			1.46	SFY 2009 PPL Unsewered Area Project / Rank: 272
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.46		\$112,239	\$3,061.06	8.029%

*Overall cost of projects identified as of January 1, 2010 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)*

* 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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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Racine	COUNTY: Mower	POPULATION*:	355	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$53,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer Repairs		0.006		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.006	\$461	\$3.43	0.006%		
--- 5 - 10 yr. ---					
Rehab/expand existing system		0.6		SFY 2009 PPL Treatment Facilities Project / Rank:	236
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.6	\$46,126	\$343.08	0.638%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Racine as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.606 (million)</i>

Randolph	COUNTY: Dakota	POPULATION*:	318	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Treatment		1.8575		SFY 2009 PPL Unsewered Area Project / Rank:	372
Unsewered collection		1.8575		SFY 2009 PPL Unsewered Area Project / Rank:	372
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
3.715	\$285,594	\$2,196.88	5.139%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Randolph as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>3.715 (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 where there are 20 yr. repayment periods.

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Red Rock Township -	COUNTY: Mower	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Unsewered Area Treatment		0.2105	SFY 2009 PPL Unsewered Area Project / Rank: 4	
Unsewered Area Collection		0.2105	SFY 2009 PPL Unsewered Area Project / Rank: 4	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.421	\$32,365			
Overall cost of projects identified as of January 1, 2010 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)	

Red Wing	COUNTY: Goodhue	POPULATION*: 16,116	MEDIAN HOUSEHOLD INCOME (MHI)*: \$43,674
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab Main Facility and Biosolids		2.767	SFY 2009 PPL Treatment Facilities Project / Rank: 73
Improvements to Bench Street Pretreatment Facilities		2.824	SFY 2009 PPL Treatment Facilities Project / Rank: 74
Construct Regional Biosolids Facility		9	SFY 2009 PPL Treatment Facilities Project / Rank: 293
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
14.591	\$1,121,698	\$153.84	0.352%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Red Wing</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>14.591 (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 where there are 20 yr. repayment periods.

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Redwood Falls	COUNTY: Redwood	POPULATION*: 5,459	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,812
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Drew Street Sewer Line Replacement	0.5	Sewer System Project	
Castle Road Sewer Main	0.45	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.95	\$73,032	\$29.01	0.075%
--- 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, 2010 by the community of Redwood Falls			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.4 (million)

Renville	COUNTY: Renville	POPULATION*: 1,323	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,206
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
WWTP Upgrade	6.4	SFY 2009 PPL Treatment Facilities Project / Rank: 65	
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
7.117	\$547,126	\$969.32	2.605%

* 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2010 by the community of Renville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 7.117 (million)*

Rice Lake Township	COUNTY: St. Louis	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Collection		2.446		SFY 2009 PPL Unsewered Area Project / Rank: 373	
Unsewered Treatment		2.446		SFY 2009 PPL Unsewered Area Project / Rank: 373	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
4.892	\$376,077				
<i>Overall cost of projects identified as of January 1, 2010 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 4.892 (million)</i>					

Richfield	****	COUNTY: Hennepin	POPULATION*:	34,439	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$45,519
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Part of MCES Project Number 805430			0.06		Sewer System Project	
Woodlake Lift Station Renovation			0.03		Sewer System Project	
New SCADA System Implementation			0.4		Sewer System Project	
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***</i>	<i>Annual Household Cost as % MHI</i>	
0.52	\$39,976			\$2.39	0.005%	
--- 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Manhole cover replacement 100 a yr until they are all re	0.15	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.15	\$11,531	\$0.69	0.002%

--- 10 - 20 yr. ---

Rehab of 1500-2000 ft of sewer main a yr	0.05	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.05	\$3,844	\$0.23	0.001%

**Overall cost of projects identified as of January 1, 2010 by the community of *Richfield*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.72 (million)**

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

Richmond	COUNTY: Stearns	POPULATION*: 1,213	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,400
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Sewer Rehab.	0.573	SFY 2010 PPL Sewer System Project / Rank: 258	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.573	\$44,050	\$82.08	0.214%

**Overall cost of projects identified as of January 1, 2010 by the community of *Richmond*
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.573 (million)**

Rochester	COUNTY: Olmsted	POPULATION*: 91,264	MEDIAN HOUSEHOLD INCOME (MHI)*: \$49,090
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank

--- Current ---

Phase 4 N.E. Relief Trunkline Sanitary Sewer	3.5	SFY 2010 PPL Sewer System Project / Rank: 11	
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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 where there are 20 yr. repayment periods.

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

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1st Ave SW Sanitary Sewer Relief Line	3.5	Sewer System Project		
Extension Sanitary Sewer SSA 15E, 15-11, & 15-12	2.35	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
9.35	\$718,791	\$18.30	0.037%	
--- 5 - 10 yr. ---				
Extend Sanitary Sewer Portions of Section 19, 20, 29, a	2.15	Sewer System Project		
Water Reclamation Plant: Future Plant Expansion	56	SFY 2009 PPL Treatment Facilities Project / Rank:	259	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
58.15	\$4,470,339	\$113.83	0.232%	
--- 10 - 20 yr. ---				
Sewer Tunnel to Serve Northwest Area and Hadley Vall	23	Sewer System Project		
NW Lift Station & Force Main; Sewer District 30A	15.75	Sewer System Project		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
38.75	\$2,978,945	\$75.85	0.155%	
Overall cost of projects identified as of January 1, 2010 by the community of Rochester				
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			106.25 (million)	

Rockford	COUNTY: Wright	POPULATION*: 3,484	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,349
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Miscellaneous WWTP Upgrades	2.3		Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.3	\$176,815	\$122.79	0.239%

* 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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*Overall cost of projects identified as of January 1, 2010 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)*

Rogers	COUNTY: Hennepin	POPULATION*: 3,588	MEDIAN HOUSEHOLD INCOME (MHI)*: \$73,143
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
S.C.A.D.A. at Plant		0.45	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.45	\$34,594	\$26.05	0.036%
--- 5 - 10 yr. ---			
Lab Upgrade/Replacement		0.6	Wastewater Treatment Facilities Project
Secondary Treatment Expansion		10	Wastewater Treatment Facilities Project
UV Upgrade and Expansion		0.15	Wastewater Treatment Facilities Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
10.75	\$826,417	\$622.41	0.851%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Rogers</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.2 (million)</i>			

Roseville	****	COUNTY: Ramsey	POPULATION*: 33,690	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,056
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---				
Sanitary Sewer Capital Improvements 2005-2025	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..

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4	\$307,504	\$18.96	0.037%

Overall cost of projects identified as of January 1, 2010 by the community of Roseville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 4 (million)

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

Rothsay	COUNTY: Wilkin	POPULATION*: 497	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,058
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Sanitary Sewer Rehabilitation		2.734	SFY 2010 PPL Sewer System Project / Rank: 155
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.734	\$210,179	\$941.10	3.030%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Rothsay</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			2.734 (million)

Royalton	COUNTY: Morrison	POPULATION*: 816	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,173
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Various Sewer Extensions		0.3	Sewer System Project
Annexation Area Improvements		1.6	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.9	\$146,064	\$408.25	1.231%

* 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

*Overall cost of projects identified as of January 1, 2010 by the community of Royalton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.9 (million)*

Rushford	COUNTY: Fillmore	POPULATION*:	1,696	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,159
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Treatment Facility		0.75		SFY 2009 PPL Treatment Facilities Project / Rank:	52
Rehab Collection system		0.75		SFY 2010 PPL Sewer System Project / Rank:	52
<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		\$147.42	0.397%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Rushford as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)</i>					

Rutledge	COUNTY: Pine	POPULATION*:	196	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,750
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Treatment		0.646		SFY 2009 PPL Unsewered Area Project / Rank:	239
Unsewered collection		0.646		SFY 2009 PPL Unsewered Area Project / Rank:	239
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.292	\$99,324		\$1,146.04	3.396%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Rutledge as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.292 (million)</i>					

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

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Sandstone	COUNTY: Pine	POPULATION*:	1,549	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,265
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Wastewater Facility Plan		17.827		SFY 2009 PPL Treatment Facilities Project / Rank:	134
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
17.827	\$1,370,468		\$2,126.59	5.281%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Sandstone as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					17.827 (million)
Sartell	COUNTY: Stearns	POPULATION*:	9,641	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$52,531
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
L.S. #8 Removal		0.24		Sewer System Project	
Mill Trunk reconstruction		1.39		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.63	\$125,308		\$32.76	0.062%	
--- 5 - 10 yr. ---					
L.S. #2 Reconstruction		0.59		Sewer System Project	
South Pine Cone Spur Line		0.27		Sewer System Project	
L.S. #12		0.72		Sewer System Project	
St Cloud Forcemain		9.55		Sewer System Project	
Woeline Tank		0.57		Wastewater Treatment Facilities Project	
Riverside Trunk reconstruction		3.66		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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

L.S. #11	0.57	Sewer System Project		
Townline tank	0.68	Sewer System Project		
Southwest Trunk	1.06	Sewer System Project		
East Central Trunk Line	0.54	Sewer System Project		
Northeast Trunk	0.96	Sewer System Project		
L.S. #3 Forcemain replacement	0.21	Sewer System Project		
L.S. #13	0.52	Sewer System Project		
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
19.9	\$1,529,832	\$399.90	0.761%	
--- 10 - 20 yr. ---				
L.S. #14	0.46	Sewer System Project		
L.S. #15 Forcemain	0.1	Sewer System Project		
L.S. #15	0.2	Sewer System Project		
L.S. #14 Forcemain	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>	
0.93	\$71,495	\$18.69	0.036%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Sartell</i>				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>22.46 (million)</i>	

Sauk Centre	COUNTY: Stearns	POPULATION*: 3,930	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,644
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Wastewater Plant Upgrade	8.9	SFY 2009 PPL Treatment Facilities Project / Rank: 159	

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.9	\$684,196	\$381.05	1.012%
--- 5 - 10 yr. ---			
Sauk Centre Pine Street & Birch Street South- Sewer Re	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%
Overall cost of projects identified as of January 1, 2010 by the community of Sauk Centre			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			9.7 (million)

Sauk Rapids	COUNTY: Benton	POPULATION*: 10,213	MEDIAN HOUSEHOLD INCOME (MHI)*: \$45,857
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2nd Ave N	0.018	Sewer System Project	
3rd Ave S	0.324	Sewer System Project	
Lincoln Sewer Interceptor Lining	0.111	Sewer System Project	
Metro Sewer Interceptor Lining	0.475	Sewer System Project	
Phase III Metro Sewer Interceptor Lining	0.19	Sewer System Project	
10th St N - 4 1/2 Ave N	0.151	Sewer System Project	
Curb and Street Rehab	0.579	Sewer System Project	
2nd Ave S - 1st St S to S Benson Dr	0.198	Sewer System Project	
9th Ave S - 1st St S to 4th St S	0.207	Sewer System Project	
8th Ave S - 1st St S to 4th St S	0.274	Sewer System Project	

* 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 where there are 20 yr. repayment periods.

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.527	\$194,266	\$44.59	0.097%
--- 5 - 10 yr. ---			
8th St N - N Benson Dr to 6th Ave N	0.299	Sewer System Project	
St. Cloud East Side Interceptor	4.232	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
4.531	\$348,325	\$79.95	0.174%
Overall cost of projects identified as of January 1, 2010 by the community of Sauk Rapids			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			7.058 (million)

Scanlon	COUNTY: Carlton	POPULATION*:	838	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$42,857
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Sewer replacement 27th - Jefferson - to Sahlman	0.188		Sewer System Project		
Sewer Replacement 24th street to Sahlman to Prospect	0.104		Sewer System Project		
System Wide I/I Reducation	0.15		Sewer System Project		
Sewer replacement Jefferson- 26th to 28th	0.043		Sewer System Project		
Sewer replacement - 23rd - Washington to Sahlman	0.15		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		
Tall Pine Lane Sewer Improvement	0.051		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>		
0.973	\$74,800	\$184.44	0.430%		

* 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 where there are 20 yr. repayment periods.

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*Overall cost of projects identified as of January 1, 2010 by the community of Scanlon
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.973 (million)*

Seaforth	COUNTY: Redwood	POPULATION*:	77	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,143
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Treatment		0.494		SFY 2009 PPL Unsewered Area Project / Rank: 20	
Unsewered Collection		0.494		SFY 2009 PPL Unsewered Area Project / Rank: 20	
<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>	
0.988	\$75,953		\$1,847.52	6.807%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Seaforth as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.988 (million)</i>					

Sebekka	COUNTY: Wadena	POPULATION*:	710	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$23,693
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection System - Reduce I/i		0.6		SFY 2010 PPL Sewer System Project / Rank: 261	
<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>	
0.6	\$46,126		\$125.04	0.528%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Sebekka as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.6 (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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Shafer	COUNTY: Chisago	POPULATION*:	343	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$41,667
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Treatment Facility		1.865		SFY 2009 PPL Treatment Facilities Project / Rank:	332
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
1.865	\$143,374	\$1,040.62	2.497%		
Overall cost of projects identified as of January 1, 2010 by the community of Shafer as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					1.865 (million)

Shakopee	****	COUNTY: Scott	POPULATION*:	20,568	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$59,137
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
2010 CIPP			0.4		Sewer System Project	
2010 Street Recon			0.25		Sewer System Project	
2012 CIPP			0.39		Sewer System Project	
2011 Recon (including T.H. 300 Turnback)			0.57		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI			
1.61	\$123,770	\$14.77	0.025%			
Overall cost of projects identified as of January 1, 2010 by the community of Shakopee as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					1.61 (million)	
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Shakopee						

* 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Sherburn	COUNTY: Martin	POPULATION*: 1,082	MEDIAN HOUSEHOLD INCOME (MHI)*: \$26,643
Project(s)	Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---			
Inflow/infiltration	0.9	SFY 2010 PPL Sewer System Project / Rank: 119	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.9	\$69,188	\$128.66	0.483%
Overall cost of projects identified as of January 1, 2010 by the community of Sherburn as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			0.9 (million)

Shoreview	****	COUNTY: Ramsey	POPULATION*: 25,924	MEDIAN HOUSEHOLD INCOME (MHI)*: \$69,719
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---				
Hawes Avenue, Demar Avenue street reconstruction		0.052	Sewer System Project	
Lift Station rehabilitation - Multiple sites		0.25	Sewer System Project	
Sanitary sewer rehabilitation		0.05	Sewer System Project	
Hanson road, Oakridge Avenue street reconstruction		0.44	Sewer System Project	
County road F, Floral Drive Reconstruction		0.065	Sewer System Project	
Sewer Rehabilitation		0.06	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
0.917	\$70,495	\$6.27	0.009%	
--- 5 - 10 yr. ---				
repair/rehabilitation 2013-2018		0.984	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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
0.984	\$75,646	\$6.72	0.010%

--- 10 - 20 yr. ---

repair/rehabilitation, 2018-2028

3.354

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.354	\$257,842	\$22.92	0.033%

Overall cost of projects identified as of January 1, 2010 by the community of Shoreview as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.255 (million)

**** 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 2010 PPL Listed - Rank

--- Current ---

Lift station 17 Rehabilitation

0.3

Sewer System Project

Lift station 15, rehabilitation

0.2

Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5	\$38,438	\$13.68	0.014%

--- 10 - 20 yr. ---

Rehab aging infrastructure

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	\$1.37	0.001%

Overall cost of projects identified as of January 1, 2010 by the community of Shorewood as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.55 (million)

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

* 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Silver Creek Township	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Silver Creek Township - Castle Danger II		3.61	SFY 2009 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***</i>	<i>Annual Household Cost as % MHI</i>	
3.61	\$277,522			
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Silver Creek Township - Castle Danger II</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>3.61 (million)</i>	

Silver Creek Township	COUNTY: St. Louis	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Silver Creek Township - Stewart River		5.3	SFY 2009 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***</i>	<i>Annual Household Cost as % MHI</i>		
5.3	\$407,443				
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Silver Creek Township - Stewart River</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>5.3 (million)</i>		

Silver Lake	COUNTY: McLeod	POPULATION*:	761	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,833
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- 10 - 20 yr. ---					
Sanitary Sewer Main Rehab		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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	\$314.49	0.854%

Overall cost of projects identified as of January 1, 2010 by the community of Silver Lake as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.5 (million)

Sleepy Eye	COUNTY: Brown	POPULATION*: 3,515	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,123
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Ongoing Sewer Rehab		1.2	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2	\$92,251	\$56.14	0.151%

Overall cost of projects identified as of January 1, 2010 by the community of Sleepy Eye as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.2 (million)

South Bend Twnshp	COUNTY: Blue Earth	POPULATION*: 3,556	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,123
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Unsewered connect to Mankato		3.556	SFY 2009 PPL Unsewered Area Project / Rank: 281
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.556	\$273,371		

Overall cost of projects identified as of January 1, 2010 by the community of South Bend Twnshp as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.556 (million)

* 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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

St Cloud		COUNTY: Stearns	POPULATION*: 59,107	MEDIAN HOUSEHOLD INCOME (MHI)*: \$37,346
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---				
Sewer Interceptor System Rehabilitation Project; Phase	3.5	SFY 2010 PPL Sewer System Project / Rank: 219		
Sewer Interceptor System Rehabilitation Project; Phase	4	SFY 2010 PPL Sewer System Project / Rank: 219		
Area from 9th to 11th Ave No from 6th to 8th St No and	0.3	SFY 2010 PPL Sewer System Project / Rank: 151		
St. Cloud WWTF Expansion	36.85	SFY 2009 PPL Treatment Facilities Project / Rank: 151		
I-94 Business Park Expansion	0.35	SFY 2010 PPL Sewer System Project / Rank: 151		
16th Street South between Clearwater Road & Roosevelt	0.231	SFY 2010 PPL Sewer System Project / Rank: 151		
4th Avenue SE between East Street Germain and TH 23	0.731	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between 9th and 13th avenue north from 11th to 1	0.55	SFY 2010 PPL Sewer System Project / Rank: 151		
Washington Memorial Drive from University Drive to 1	0.093	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between 9th and 17th Avenue North from 9th to 1	0.7	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between 9th and 12th Avenue North from BNSF to	0.21	SFY 2010 PPL Sewer System Project / Rank: 151		
Sewer Interceptor System Rehabilitation Project; Phase	2.2	SFY 2010 PPL Sewer System Project / Rank: 151		
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI	
49.715	\$3,821,890	\$151.85	0.407%	
--- 5 - 10 yr. ---				
West Airport Interceptor Sewer	3.25	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between TH 23 and 3rd street north from Cooper t	0.55	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between 3rd street north and BNSF from Cooper t	0.55	SFY 2010 PPL Sewer System Project / Rank: 151		
40th street South between CSAH 75 and Cooper Avenu	0.354	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between 21st & 25th Ave No from Division Street	0.5	SFY 2010 PPL Sewer System Project / Rank: 151		
Area between 3rd St No and BNSF from 21st to 25th A	0.575	SFY 2010 PPL Sewer System Project / Rank: 151		

* 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 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>
5.779	\$444,266	\$17.65	0.047%

*Overall cost of projects identified as of January 1, 2010 by the community of St Cloud
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 55.494 (million)*

St Francis	COUNTY: Anoka	POPULATION*: 4,910	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,982
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

Wastewater Treatment Facility Improvements	12	Wastewater Treatment Facilities Project	
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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
12	\$922,512	\$506.87	0.975%

*Overall cost of projects identified as of January 1, 2010 by the community of St Francis
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 12 (million)*

St Francis East	COUNTY: Anoka	POPULATION*: 4,910	MEDIAN HOUSEHOLD INCOME (MHI)*: \$51,982
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>

--- Current ---

East Wastewater Treatment Facility	8.51	SFY 2009 PPL Treatment Facilities Project / Rank:	376
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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>
8.51	\$654,215	\$359.46	0.692%

*Overall cost of projects identified as of January 1, 2010 by the community of St Francis East
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8.51 (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 where there are 20 yr. repayment periods.

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
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St Francis West	COUNTY: Anoka	POPULATION*:	4,910	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$51,982
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Corrective Action Plan Project		1.99		SFY 2009 PPL Treatment Facilities Project / Rank:	376
TH 47 Sewer & Water Extension		3.064		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>	
5.054	\$388,531		\$213.48	0.411%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of St Francis West as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>5.054 (million)</i>

St Hilaire	COUNTY: Pennington	POPULATION*:	272	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
		1.9113		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>	
1.9113	\$146,933		\$1,092.89	4.163%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of St Hilaire as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.9113 (million)</i>

St James	COUNTY: Watonwan	POPULATION*:	4,695	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,196
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

Rehab Treatment Facilities and Add Phos. Treatment	2.014	SFY 2009 PPL Treatment Facilities Project / Rank:	7
Rehabilitate Collection System	9	SFY 2010 PPL Sewer System Project / Rank:	7
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
11.014	\$846,712	\$413.03	1.244%
Overall cost of projects identified as of January 1, 2010 by the community of St James			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 11.014 (million)			

St Joseph	COUNTY: Stearns	POPULATION*: 4,681	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,937
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
South West Trunk Sewer	1.5	Sewer System Project	
Park Terrace	2.4	Sewer System Project	
Replace 12-inch Sanitary Sewer under County Road 75	0.305	Sewer System Project	
Main Lift Station Upgrade	1.5	Sewer System Project	
16th Ave	0.51	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
6.215	\$477,784	\$383.93	0.986%
--- 5 - 10 yr. ---			
Sewer Extension to Gateway Commons	0.664	Sewer System Project	
Northland Heights Phase II	1.25	Sewer System Project	
First Ave NE Improvements	0.8	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
2.714	\$208,641	\$167.66	0.431%

* 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

*Overall cost of projects identified as of January 1, 2010 by the community of St Joseph
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 8,929 (million)*

St Louis County - Mid	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Rehab. Collection System		2.3	SFY 2010 PPL Sewer System 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>
2.3	\$176,815		

*Overall cost of projects identified as of January 1, 2010 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)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Sanitary Sewer Repair/Reconstruction		1.017	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.017	\$78,183	\$3.39	0.007%

*Overall cost of projects identified as of January 1, 2010 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 1.017 (million)*

* 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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St Martin	COUNTY: Stearns	POPULATION*:	278	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,786
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab. & Expand Existing System		3		SFY 2010 PPL Sewer System Project / Rank:	170
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
3	\$230,628		\$2,184.90	5.939%	
Overall cost of projects identified as of January 1, 2010 by the community of St Martin					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					3 (million)

St Michael	COUNTY: Wright	POPULATION*:	9,099	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$69,903
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2008 Street & Utility Improvement Project SE Downto		0.637		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
0.637	\$48,970		\$15.06	0.022%	
--- 10 - 20 yr. ---					
Collection System Interceptor Sewer for Complete Buil		23.778		Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
23.778	\$1,827,958		\$562.26	0.804%	
Overall cost of projects identified as of January 1, 2010 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)

* 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

St Paul	COUNTY: Ramsey	POPULATION*: 287,151	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,774
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Sewer System Major Rehab and Repairs (1-5 years)	46	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
46	\$3,536,296	\$28.39	0.073%
--- 5 - 10 yr. ---			
Sewer System Major Rehab and Repairs (5-10 years)	51	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
51	\$3,920,676	\$31.47	0.081%
--- 10 - 20 yr. ---			
Sewer System Rehabilitation and Major Repairs (10-20)	122	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
122	\$9,378,872	\$75.29	0.194%
Overall cost of projects identified as of January 1, 2010 by the community of		St Paul	
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs		219 (million)	

St Paul Park	COUNTY: Washington	POPULATION*: 5,070	MEDIAN HOUSEHOLD INCOME (MHI)*: \$50,805
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- 5 - 10 yr. ---			
Rivers Edge	5.4		Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
5.4	\$415,130	\$204.27	0.402%

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of St Paul Park
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 5.4 (million)*

St Stephen	COUNTY: Stearns	POPULATION*:	860	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$55,078
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
St. Stephen - Unsewered Area Treatment		5		SFY 2009 PPL Unsewered Area Project / Rank: 377	
St. Stephen - Unsewered Area Collection		4.518		SFY 2009 PPL Unsewered Area Project / Rank: 377	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
9.518	\$731,706		\$2,278.67	4.137%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of St Stephen as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 9.518 (million)</i>					

Staples	COUNTY: Todd	POPULATION*:	3,104	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,208
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
5th and 6th Street Improvements		0.12		SFY 2010 PPL Sewer System Project / Rank: 287	
Northwest Area Improvement		1.575		SFY 2010 PPL Sewer System Project / Rank: 185	
Wastewater Pumping Station and Sanitary Sewer West		0.17		Sewer System Project	
Todd County CSAH 43 Project		0.43		SFY 2010 PPL Sewer System Project / Rank: 287	
Todd County CSAH 42 and 5th Street Project		0.45		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Staples
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.745 (million)*

Starbuck	COUNTY: Pope	POPULATION*:	1,314	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,235
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Phosphorus Removal Improvements		0.75		SFY 2009 PPL Treatment Facilities Project / Rank:	247
Fifth and Wollan Street Sanitary Sewer Replacement		0.3		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.05	\$80,720		\$128.58	0.455%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Starbuck as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.05 (million)</i>					

Stephen	COUNTY: Marshall	POPULATION*:	708	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$33,207
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab/Expand Existing Pond System		1.25		SFY 2009 PPL Treatment Facilities Project / Rank:	142
Structure Replacement		0.15		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.4	\$107,626		\$331.73	0.999%	
--- 5 - 10 yr. ---					
Seepage control		0.3		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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.3	\$23,063	\$71.08	0.214%
--- 10 - 20 yr. ---			
1920 Sewer System Replacement	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	\$308.03	0.928%
<i>Overall cost of projects identified as of January 1, 2010 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>			3 (million)

Stewart	COUNTY: McLeod	POPULATION*: 564	MEDIAN HOUSEHOLD INCOME (MHI)*: \$38,542
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
2009-2011 Street and Utility Improvements	11.773	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
11.773	\$905,061	\$3,379.90	8.769%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>		<i>Stewart</i>	
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>11.773 (million)</i>	

Stewartville	COUNTY: Olmsted	POPULATION*: 5,411	MEDIAN HOUSEHOLD INCOME (MHI)*: \$44,135
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
WWTP Renovation - Phase 1 & Lift Station Rehab	3.6	SFY 2009 PPL Treatment Facilities Project / Rank:	156

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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>
3.6	\$276,754	\$123.73	0.280%

Overall cost of projects identified as of January 1, 2010 by the community of Stewartville
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **3.6 (million)**

Stillwater ***** **COUNTY: Washington POPULATION*: 15,143 MEDIAN HOUSEHOLD INCOME (MHI)*: \$57,154**

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

--- Current ---

Lowell Park Rehab. Collection System 0.6 SFY 2010 PPL Sewer System Project / Rank: 248

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.6	\$46,126	\$7.16	0.013%

Overall cost of projects identified as of January 1, 2010 by the community of Stillwater
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.6 (million)**

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

Stockton **COUNTY: Winona POPULATION*: 682 MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,250**

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

--- Current ---

Sewer Main cleaning and repairing manholes 0.049 Sewer System Project

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.049	\$3,767	\$14.37	0.035%

--- 5 - 10 yr. ---

4th pond addition and rehabilitation of I & I 1.5 Wastewater Treatment Facilities Project

Expansion of Current Sewer System 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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3	\$230,628	\$879.51	2.132%

*Overall cost of projects identified as of January 1, 2010 by the community of Stockton
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.049 (million)*

Tonka Bay	****	COUNTY: Hennepin	POPULATION*: 1,547	MEDIAN HOUSEHOLD INCOME (MHI)*: \$84,879
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Sewer Lining		0.1275	Sewer System Project	
Inflow/Infiltration Correction		0.105	Sewer System Project	
Manhole cover replacement		0.0121	Sewer System Project	
Sanitary Sewer Replacement		0.887	Sewer System Project	
Lift Station Pump replacement		0.017	Sewer System Project	
Lift station control panel replacement - 4 panels		0.085	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.2336		\$94,834	\$139.01	0.164%
--- 5 - 10 yr. ---				
Manhole Cover Replacement		0.02	Sewer System Project	
Sewer Lining		0.2137	Sewer System Project	
Sanitary Sewer Replacement		1.271	Sewer System Project	
Lift station Pump Replacement		0.019	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5237		\$117,136	\$171.70	0.202%
--- 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 where there are 20 yr. repayment periods.

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

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Alphabetical by Name of Community

Sanitary Sewer Replacement	1.383	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.383	\$106,320	\$155.84	0.184%
Overall cost of projects identified as of January 1, 2010 by the community of Tonka Bay			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			4.1403 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Tonka Bay			

Tower	COUNTY: St. Louis	POPULATION*:	479	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,429
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Hoo-Doo Point sewer extension		0.6273		SFY 2010 PPL Sewer System Project / Rank: 185	
Tower - West T.H. 169 Service Extension		0.787		SFY 2010 PPL Sewer System Project / Rank: 245	
2010 North Area Infrastructure		0.626		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.0403	\$156,850		\$605.86	2.292%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Tower</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>2.0403 (million)</i>	

Tower & Breitung Was	COUNTY: St. Louis	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Treatment Facilities Improvements		1.1636		SFY 2009 PPL Treatment Facilities Project / Rank:	75
West T.H. 169 Extend Collection		0.787		SFY 2010 PPL Sewer System Project / Rank:	379
Hoo-Doo Point Extend Collection		0.627		SFY 2010 PPL Sewer System Project / Rank:	321

* 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 where there are 20 yr. repayment periods.

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

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Increase Capacity of Collection / Interceptors	1.3	SFY 2010 PPL Sewer System Project / Rank:	33
Collection system improv.	0.521	SFY 2010 PPL Sewer System Project / Rank:	75
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
4.3986	\$338,147		
Overall cost of projects identified as of January 1, 2010 by the community of Tower & Breitung Wastewater Board			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			4.3986 (million)

Tracy	COUNTY: Lyon	POPULATION*: 2,268	MEDIAN HOUSEHOLD INCOME (MHI)*: \$31,356
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 5 - 10 yr. ---			
Rehabilitation of Collection System	0.25	SFY 2010 PPL Sewer System Project / Rank: 37	
Replacement of Primary and Secondary Pond System	5	SFY 2009 PPL Treatment Facilities Project / Rank: 37	
<i>Subtotal of 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%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Tracy</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>5.25 (million)</i>	

Trimont	COUNTY: Martin	POPULATION*:	754	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$28,125
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
2009-2011 Infrastructure Improvements		0.63		SFY 2009 PPL Treatment Facilities Project / Rank:	30
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.63	\$48,432	\$135.37	0.481%		

* 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 where there are 20 yr. repayment periods.

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

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--- 5 - 10 yr. ---

Sewer System Rehab	5.5	SFY 2010 PPL Sewer System Project / Rank:	30
<i>Subtotal of 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	\$1,181.79	4.202%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Trimont as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>6.13 (million)</i>	

Trosky	COUNTY: Pipestone	POPULATION*:	116	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$36,250
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Treatment		0.3		SFY 2009 PPL Unsewered Area Project / Rank: 53	
Unsewered - Collection		0.35		SFY 2009 PPL Unsewered Area Project / Rank: 53	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.65	\$49,969	\$977.66	2.697%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Trosky as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.65 (million)</i>

Truman	COUNTY: Martin	POPULATION*:	1,259	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection system		0.8215		SFY 2010 PPL Sewer System Project / Rank: 88	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.8215	\$63,154	\$111.45	0.318%		

* 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 where there are 20 yr. repayment periods.

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

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*Overall cost of projects identified as of January 1, 2010 by the community of Truman
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.8215 (million)*

Upsala	COUNTY: Morrison	POPULATION*:	424	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Sewer and Stormwater new development (50% assigned		0.155		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.155	\$11,916		\$57.04	0.190%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Upsala as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.155 (million)</i>					

Verndale	COUNTY: Wadena	POPULATION*:	575	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
2007 Sanitary Sewer & Watermain Improvements Phase		0.85		Sewer System Project	
2007 Sanitary Sewer & Watermain Improvements		0.73		SFY 2010 PPL Sewer System Project / Rank: 63	
<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>	
1.58	\$121,464		\$467.17	1.797%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Verndale as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.58 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Vernon Center	COUNTY: Blue Earth	POPULATION*:	359	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$50,703
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection system		1.4		SFY 2010 PPL Sewer System Project / Rank:	164
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
1.4	\$107,626	\$733.82	1.447%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>					<i>Vernon Center</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>1.4 (million)</i>
Victoria	COUNTY: Carver	POPULATION*:	4,025	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$86,772
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Lift Station Upgrades (1 Every Year)		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	\$12.65	0.015%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>					<i>Victoria</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					<i>0.25 (million)</i>
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of					Victoria
Villard Area Lakes San	COUNTY: Pope	POPULATION*:	0	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area: Construction of Treatment Facilities		4.453		SFY 2009 PPL Unsewered Area Project / Rank:	140

* 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 where there are 20 yr. repayment periods.

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Unsewered Area: Construction of Collection System	4.453	SFY 2009 PPL Unsewered Area Project / Rank: 140
<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>
8.906	\$684,658	

Overall cost of projects identified as of January 1, 2010 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 8.906 (million)

Virginia	COUNTY: St. Louis	POPULATION*: 9,157	MEDIAN HOUSEHOLD INCOME (MHI)*: \$28,873
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Rehab Treatment Facilities - Add Advanced Treatment	18.5	SFY 2009 PPL Treatment Facilities Project / Rank: 51	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
18.5	\$1,422,206	\$295.40	1.023%
--- 5 - 10 yr. ---			
Lift station - Pillsbury addition	1.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 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, 2010 by the community of Virginia as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 20 (million)

Wabasha	COUNTY: Wabasha	POPULATION*: 2,599	MEDIAN HOUSEHOLD INCOME (MHI)*: \$35,291
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Brueger Valley Rd, Lawrence Blvd	0.09	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..

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.09	\$6,919	\$5.86	0.017%

Overall cost of projects identified as of January 1, 2010 by the community of Wabasha as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.09 (million)

Waconia	****	COUNTY: Carver	POPULATION*: 6,814	MEDIAN HOUSEHOLD INCOME (MHI)*: \$55,705
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Infrastructure 2012 - sewer systems - 1st street		0.2252	Sewer System Project	
I & I Reduction		0.15	Sewer System Project	
Infrastructure 2010 - sewer system - 2nd		0.329	Sewer System Project	
Infrastructure 2010 - Maple Street		0.0578	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.762		\$58,580	\$20.53	0.037%
--- 5 - 10 yr. ---				
Infrastructure 2014 - sewer system - Vine, 3rd, 4th, Elm		0.2368	Sewer System Project	
Infrastructure 2014 - Walnut and 3rd Street		0.2137	Sewer System Project	
Infrastructure 2016 - Elm Street and 5th street		0.1328	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.5833		\$44,842	\$15.72	0.028%

Overall cost of projects identified as of January 1, 2010 by the community of Waconia as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.3453 (million)

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

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

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Descriptions of Individual Community Needs, Projects Costs and Affordability**
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Wadena	COUNTY: Wadena	POPULATION*:	4,294	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$26,947
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Anerobic Digester Rehabilitation		0.026		Wastewater Treatment Facilities Project	
City of Wadena SE Reconstruction		6.77		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
6.796	\$522,449		\$251.31	0.933%	
--- 10 - 20 yr. ---					
SW Rehab (Split from Original)		10		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual</i>	<i>20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
10	\$768,760		\$369.79	1.372%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Wadena as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					16.796 (million)

Waldorf	COUNTY: Waseca	POPULATION*:	242	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Inflow & Infiltration Abatement Program		1.312		SFY 2010 PPL Sewer System Project / Rank: 83	
<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>	
1.312	\$100,861		\$881.31	2.350%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Waldorf as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					1.312 (million)

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

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Walnut Grove	COUNTY: Redwood	POPULATION*:	599	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$24,013
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab collection system		2.902		SFY 2010 PPL Sewer System Project / Rank:	118
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
2.902	\$223,094	\$689.98	2.873%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Walnut Grove as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					2.902 (million)

Wanamingo	COUNTY: Goodhue	POPULATION*:	1,007	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$40,000
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
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%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Wanamingo as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.5 (million)

Warba	COUNTY: Itasca	POPULATION*:	183	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$27,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Treatment Pond Improvement - Advanced Treatment		2.278		SFY 2009 PPL Treatment Facilities Project / Rank:	215

* 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>
2.278	\$175,124	\$1,995.08	7.255%

Overall cost of projects identified as of January 1, 2010 by the community of Warba as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 2.278 (million)

Warren	COUNTY: Marshall	POPULATION*: 1,678	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,250
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab collection system		1.706	SFY 2010 PPL Sewer System Project / Rank: 136
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.706	\$131,150	\$168.86	0.466%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Warren as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>1.706 (million)</i>

Warroad	COUNTY: Roseau	POPULATION*: 1,722	MEDIAN HOUSEHOLD INCOME (MHI)*: \$34,948
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Rehab/expand existing system		6.75	SFY 2009 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>
6.75	\$518,913	\$710.84	2.034%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Warroad as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>6.75 (million)</i>

* 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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Waseca	COUNTY: Waseca	POPULATION*:	8,493	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,554
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- 10 - 20 yr. ---					
Waseca Wastewater Facility plan		6		SFY 2010 PPL Sewer System Project / Rank:	1
Waseca Wastewater Facilities Plan		10.108549		SFY 2009 PPL Treatment Facilities Project / Rank:	1
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
16.10855	\$1,238,361		\$328.96	0.832%	
Overall cost of projects identified as of January 1, 2010 by the community of Waseca					
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					16.109 (million)

Watertown	COUNTY: Carver	POPULATION*:	3,029	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$47,500
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Watertown wastewater treatment facility		8.45		SFY 2009 PPL Treatment Facilities Project / Rank:	121
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
8.45	\$649,602		\$542.34	1.142%	
--- 5 - 10 yr. ---					
Southeast Lift Station and Forcemain		0.95		SFY 2010 PPL Sewer System Project / Rank:	121
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual	20 yr. Household Cost***	Annual Household Cost as % MHI	
0.95	\$73,032		\$60.97	0.128%	
Overall cost of projects identified as of January 1, 2010 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)

* 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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Waterville	COUNTY: Le Sueur	POPULATION*:	1,833	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$35,950
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab collection system, lift station & extension		2.16		SFY 2010 PPL Sewer System Project / Rank:	167
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
2.16	\$166,052		\$197.68	0.550%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Waterville as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					2.16 (million)

Watson	COUNTY: Chippewa	POPULATION*:	209	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$34,688
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Sewer-Regionalization to Montevideo		3.178		SFY 2010 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>	
3.178	\$244,312		\$2,556.75	7.371%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Watson as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					3.178 (million)

Wayzata	****	COUNTY: Hennepin	POPULATION*:	4,113	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$65,833
Project(s)			<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---						
Sewer Collection System CIP			0.588		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 where there are 20 yr. repayment periods.

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Rehabilitation/ I & I Reduction	0.588	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.176	\$90,406	\$42.18	0.064%
--- 5 - 10 yr. ---			
Rehabilitation/Address I & I	0.19	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.19	\$14,606	\$6.81	0.010%
Overall cost of projects identified as of January 1, 2010 by the community of			Wayzata
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			1.366 (million)
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of			Wayzata

Welcome	COUNTY: Martin	POPULATION*:	721	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$32,125
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- Current ---					
Rehab WWTF & Advanced Treatment		0.95		SFY 2009 PPL Treatment Facilities Project / Rank:	135
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI		
0.95	\$73,032	\$212.03	0.660%		
Overall cost of projects identified as of January 1, 2010 by the community of					Welcome
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs					0.95 (million)

Wells, Easton, Minneso	COUNTY: Faribault	POPULATION*:		MEDIAN HOUSEHOLD INCOME (MHI)*:	
Project(s)		Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank	
--- 5 - 10 yr. ---					
Sanitary Interceptor		1.5		Sewer System Project	

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

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<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.5	\$115,314		

Overall cost of projects identified as of January 1, 2010 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)

West St Paul	COUNTY: Dakota	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Oakview/Crestway Improvements		0.165	Sewer System Project
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.165	\$12,685		
<i>Overall cost of projects identified as of January 1, 2010 by the community of West St Paul as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.165 (million)</i>			

Western Lake Superior	COUNTY: St. Louis	POPULATION*:	0 MEDIAN HOUSEHOLD INCOME (MHI)*:	\$0
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
Conveyance - Improvements (formerly 4200WW)		12.6	Sewer System Project	
Esko Pump Station Replacement		1.063	Sewer System Project	
SCADA System Improvements		0.75	Wastewater Treatment Facilities Project	
Polk Street Pump Station - Storage Basin		5.5	Sewer System Project	
Polk Street Pump Station/Storage Basin		5.5	Sewer System Project	
Biogas Fueled Engine Generator/Heat Recovery		5.6	SFY 2009 PPL Treatment Facilities Project / Rank:	264

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Fine Screening Improvements	6.1	Wastewater Treatment Facilities Project	
Grit system improvements	2.8	Wastewater Treatment Facilities Project	
Headworks Improv., Safety and Sampling Improv, Ferri	0.883	SFY 2009 PPL Treatment Facilities Project / Rank:	143
Interceptor Rehabilitation - Proctor, Scanlon	5.616	Sewer System Project	
Electrical Reliability Improv - Phase I & II	2.743	Wastewater Treatment Facilities Project	
Interceptor Rehabilitation - Cloquet	3.481	Sewer System Project	
CMMS Replacement	0.91	Wastewater Treatment Facilities Project	
Oxygen Plant Efficiency and Control Improvements	2.955	Wastewater Treatment Facilities Project	
Interceptor Rehabilitation - Hermantown Phase II	2.784	Sewer System Project	
Interceptor Rehabilitation - Hermantown Phase I, Lakesi	3.277	Sewer System Project	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
62.562	\$4,809,516		
--- 5 - 10 yr. ---			
Headworks Improv - Sludge Screening	3.771	SFY 2009 PPL Treatment Facilities Project / Rank:	143
Headworks Improv - 3-Flight Screw Pumps	2.906	Wastewater Treatment Facilities Project	
Planning, Engineering, Fiscal and Misc.	3.67	Wastewater Treatment Facilities Project	
Biosolids & Land App.	1.9	Wastewater Treatment Facilities Project	
Conveyance - Improvements (formerly 4200WW)	34.5	Sewer System Project	
Clean Water Production Process Improv - (formerly 400	8	Wastewater Treatment Facilities Project	
Interceptor Rehabilitation - Bayview Heights, Hermanto	2.057	Sewer System Project	
Interceptor Rehabilitation - Bayview Heights Phase II	0.589	Sewer System Project	
Wrenshall Pump Station Upgrade (Silver Brooke Aband	0.443	Sewer System Project	
Jay Cooke Pump Station Replacement	0.91	Sewer System Project	
Scanlon Pump Station Rehabilitation	9.155	Sewer System Project	
Knowlton Creek Pump Station Rehabilitation	9.977	Sewer System Project	
Pike Lake Pump Station/Interceptor Improvements	6.3	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 where there are 20 yr. repayment periods.

*** Per household residential share of 20 year debt service
for projects indicated. Does not include community operation
and maintenance costs or existing wastewater infrastructure
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Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Interceptor Rehabilitation - East, Jay Cooke, Woodland	2.529	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
86.707	\$6,665,687		
--- 10 - 20 yr. ---			
Cloquet Pump Station Rehabilitation	8.825	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
8.825	\$678,431		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Western Lake Superior Sanitary District (WLSS)</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			158.09 (million)

Whalan	COUNTY: Fillmore	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>
--- Current ---			
Whalan Unsewered Treatment		0.5063	SFY 2009 PPL Treatment Facilities Project / Rank: 249
Whalan Unsewered Collection		0.5063	SFY 2010 PPL Sewer System Project / Rank: 249
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.0126	\$77,845		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Whalan</i>
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.0126 (million)

Wheaton	COUNTY: Traverse	POPULATION*:	1,619	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$29,219
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

Sewer Rehab, Phase 3	2.2	SFY 2010 PPL Sewer System Project / Rank:	130
Lift Station Improvements and new force main	0.705	SFY 2009 PPL Treatment Facilities Project / Rank:	36
Sewer Rehab, Phase 2	2.5522	SFY 2010 PPL Sewer System Project / Rank:	130
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
5.4572	\$419,528	\$505.46	1.730%
Overall cost of projects identified as of January 1, 2010 by the community of <i>Wheaton</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			5.4572 (million)

White Bear Twnshp	COUNTY: Ramsey	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Rehab Collection system		1.107	SFY 2010 PPL Sewer System Project / Rank: 254
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
1.107	\$85,102		
Overall cost of projects identified as of January 1, 2010 by the community of <i>White Bear Twnshp</i>			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			
			1.107 (million)

White Township	COUNTY: St. Louis	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Gardendale Utility Improv. Program - Rehab sewers		0.316	SFY 2010 PPL Sewer System Project / Rank: 28
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
0.316	\$24,293		

* 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: 2009 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, 2010 by the community of **White Township**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.316 (million)**

Whitefield Township -	COUNTY: Kandiyohi	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Unsewered Area Regionalize with Blomkest		1.11	SFY 2009 PPL Unsewered Area Project / Rank: 14
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.11	\$85,332		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Whitefield Township - Svea			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			1.11 (million)

Williams	COUNTY: Lake of the	POPULATION*:	MEDIAN HOUSEHOLD INCOME (MHI)*:
Project(s)		Cost Estimate (millions)	Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Rehab. Treatment Facilities		0.533	SFY 2009 PPL Treatment Facilities Project / Rank: 307
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.533	\$40,975	\$400.84	1.520%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Williams			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			0.533 (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 where there are 20 yr. repayment periods.

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

**Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) -
Descriptions of Individual Community Needs, Projects Costs and Affordability**
Alphabetical by Name of Community

Willmar	COUNTY: Kandiyohi	POPULATION*: 18,351	MEDIAN HOUSEHOLD INCOME (MHI)*: \$33,455
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank
--- Current ---			
Phase 2 - Construct Pumping Stations D-6	2.235895	SFY 2010 PPL Sewer System Project / Rank: 85	
Lakeland Drive Interceptor Project	2.514	SFY 2010 PPL Sewer System Project / Rank: 85	
Western Collector (Interceptor) Sewer Project	4.078	SFY 2010 PPL Sewer System Project / Rank: 187	
Subtotal of Cost Estimates (millions)	Project Annual Debt Service**	Annual 20 yr. Household Cost***	Annual Household Cost as % MHI
8.827895	\$678,653	\$83.65	0.250%
Overall cost of projects identified as of January 1, 2010 by the community of Willmar			
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs			8.8279 (million)

Willow River	COUNTY: Pine	POPULATION*:	309	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$25,938
Project(s)	<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>		
--- Current ---					
Rehab and expand Treatment Facilities	2.23		SFY 2009 PPL Treatment Facilities Project / Rank: 250		
<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>	
2.23	\$171,433		\$1,196.05	4.611%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i>			<i>Willow River</i>		
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			<i>2.23 (million)</i>		

Windom	COUNTY: Cottonwood	POPULATION*:	4,490	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$30,744
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 PPL Listed - Rank		

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

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Appendix 2: 2009 Wastewater Infrastructure Needs Survey (WINS) - Descriptions of Individual Community Needs, Projects Costs and Affordability

Alphabetical by Name of Community

--- Current ---

Lift station		0.5	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.5	\$38,438	\$18.11	0.059%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Windom as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.5 (million)</i>

Winnebago

COUNTY: Faribault POPULATION*: 1,487 MEDIAN HOUSEHOLD INCOME (MHI)*: \$32,321

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

--- 5 - 10 yr. ---

Sanitary sewer collection system I/I Investigation & Cor		0.1	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
0.1	\$7,688	\$10.79	0.033%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Winnebago as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>				<i>0.1 (million)</i>

Winsted

COUNTY: McLeod POPULATION*: 2,094 MEDIAN HOUSEHOLD INCOME (MHI)*: \$41,588

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

--- Current ---

Grit Removal	0.5	Wastewater Treatment Facilities Project
Interceptor Rehabilitation	0.15	Sewer System Project
Ultraviolet Disinfection System	0.2	Wastewater Treatment Facilities Project
Rehabilitation of #1 Ditch	0.2	Wastewater Treatment Facilities Project

* 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

New Generator at the Sewer Plant	0.08	Wastewater Treatment Facilities Project	
Return Activated Sludge Pumps	0.03	Wastewater Treatment Facilities Project	
Rehabilitation of #2 Clarifier	0.1	Wastewater Treatment Facilities Project	
Preliminary Screening Replacement	0.04	Wastewater Treatment Facilities Project	
Rehabilitation of Kingsley Liftstation	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>
1.36	\$104,551	\$114.47	0.275%
--- 5 - 10 yr. ---			
Phosphorous Removal	0.6	Wastewater Treatment Facilities Project	
Sanitary Sewer Extension West, East and North	1.6	Sewer System Project	
Old Ponds	0.3	Wastewater Treatment Facilities Project	
Replace Three Lift Stations	1.25	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
3.75	\$288,285	\$315.64	0.759%
<i>Overall cost of projects identified as of January 1, 2010 by the community of Winsted</i>			
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>		<i>5.11 (million)</i>	

Winton	COUNTY: St. Louis	POPULATION*: 185	MEDIAN HOUSEHOLD INCOME (MHI)*: \$29,063
Project(s)	<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---			
Winton Wastewater Collection Improvements Phase II	0.39	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
0.39	\$29,982	\$317.45	1.092%

* 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

Overall cost of projects identified as of January 1, 2010 by the community of **Winton**
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs **0.39 (million)**

Woodbury	****	COUNTY: Washington	POPULATION*: 46,463	MEDIAN HOUSEHOLD INCOME (MHI)*: \$76,109
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
2010-2014 Capital Improvement Plan		1.78	Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>		<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>
1.78		\$136,839	\$7.39	0.010%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Woodbury				
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i> 1.78 (million)				
**** Metropolitan Council Environmental Services (MCES) provides wastewater treatment for the City of Woodbury				

Worthington		COUNTY: Nobles	POPULATION*: 11,283	MEDIAN HOUSEHOLD INCOME (MHI)*: \$36,250
Project(s)		<i>Cost Estimate (millions)</i>	<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---				
2013 Sewer Improvement		0.47	Sewer System Project	
2012 Sewer improvements		0.43	Sewer System Project	
East district lift station & force main		0.96	Sewer System Project	
North Humiston sewer extension		0.33	Sewer System Project	
2011 Sewer improvements		0.43	Sewer System Project	
Flower Lane sewer extension		0.09	Sewer System Project	
2009 Sewer improvements		0.5	Sewer System Project	
2010 Sewer Improvements		0.42	Sewer System Project	

* 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

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>
3.86	\$296,741	\$61.95	0.171%
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Worthington <i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>			3.86 (million)

Wrenshall	COUNTY: Carlton	POPULATION*:	308	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,643
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Rehab Collection system - Pioneer Drive		0.163		SFY 2010 PPL Sewer System Project / Rank: 23	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>	<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>		
0.163	\$12,531	\$101.60	0.256%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of</i> Wrenshall <i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					0.163 (million)

Wright	COUNTY: Carlton	POPULATION*:	93	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$39,375
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Unsewered Area Collection		0.8		SFY 2009 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>		
0.8	\$61,501	\$1,317.87	3.347%		

* 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 where there are 20 yr. repayment periods.

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

Appendix 2: 2009 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, 2010 by the community of Wright
as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 0.8 (million)*

Wyoming	COUNTY: Chisago	POPULATION*:	3,048	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$56,192
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
257th Street Extension		0.756		Sewer System Project	
2009 Wyoming Street & Utility Improvements		0.591		Sewer System Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
1.347	\$103,552		\$91.10	0.162%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Wyoming as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 1.347 (million)</i>					

Zimmerman	COUNTY: Sherburne	POPULATION*:	2,851	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$49,332
Project(s)		<i>Cost Estimate (millions)</i>		<i>Project Type / SFY 2010 PPL Listed - Rank</i>	
--- Current ---					
Force Main Upgrade		0.08		Sewer System Project	
WWTF Phase 2		3		Wastewater Treatment Facilities Project	
<i>Subtotal of Cost Estimates (millions)</i>	<i>Project Annual Debt Service**</i>		<i>Annual 20 yr. Household Cost***</i>	<i>Annual Household Cost as % MHI</i>	
3.08	\$236,778		\$221.29	0.449%	
<i>Overall cost of projects identified as of January 1, 2010 by the community of Zimmerman as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs 3.08 (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 where there are 20 yr. repayment periods.

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Alphabetical by Name of Community

Zumbro Falls	COUNTY: Wabasha	POPULATION*:	177	MEDIAN HOUSEHOLD INCOME (MHI)*:	\$37,188
Project(s)	Cost Estimate (millions)		Project Type / SFY 2010 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	1.812%		
<i>Overall cost of projects identified as of January 1, 2010 by the community of Zumbro Falls</i>					
<i>as necessary to address: Current (0-5 year), 5-10 year, and 10-20 year wastewater infrastructure needs</i>					
					<i>0.75 (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 where there are 20 yr. repayment periods.

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

Appendix 3

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; 2006 c 251 s 10; 2009 c 37 art 1 s 37; 2009 c 109 s 14

APPENDIX 4

Clean Water Revolving Fund 2010 Project Priority List

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Project Name	Rank	Project Description	Project Number	TMDL Project	Priority Points	Estimated Project Cost
ALASD - AGA Drive	203	Interceptor improvements		279736	43 \$	708,000
ALASD - CR82	204	Interceptor improvements		279735	43 \$	1,320,000
ALASD - Digester	205	Additional aroebic digester cell		279733	43 \$	2,205,000
ALASD - TH29	206	Interceptor improvements		279734	43 \$	1,315,000
Amador Twp - Almelund SSD	263	Unsewered area, collection and treatment		279508	31 \$	2,200,000
Argyle	37	Rehab collection system		279724	73 \$	1,930,500
Arlington	42	Expansion and increased P treatment	Yes	279583	72 \$	6,400,000
Ashby	107	Rehab collection system		279741	58 \$	1,900,000
Askov	100	New treatment plant		272613	59 \$	4,850,000
Atwater	20	Sewer rehab		272614	83 \$	1,017,000
Aurora Twp - Bixby	21	Unsewered, new collection and treatment	Yes	279568	82 \$	225,000
Austin	184	Rehab/expand existing system		272409	46 \$	3,500,000
Austin - Woodhaven	191	Unsewered, extend service to Woodhaven	Yes	279336	45 \$	3,200,000
Backus	235	Rehab/expand existing system		279602	40 \$	3,100,000
Barnesville	169	Rehab collection system		279637	48 \$	1,435,000
Barry	92	Unsewered, potential on land discharge		279565	60 \$	135,000
Beaver Bay	162	Rehab treatment system, advanced treatment		279740	49 \$	1,920,000
Bertha	34	Rehab existing mechanical facility		279627	76 \$	4,764,582
Big Lake	249	Expand existing system		272616	36 \$	24,997,050
Big Lake Area SD - Fond du Lac	309	Unsewered, collection and treatment		279480	19 \$	10,000,000
Bigfork	346	Rehab and expand ponds		279438	1 \$	1,551,000
Biscay	197	Unsewered, potential SSTs		279667	44 \$	-
Biwabik	103	Rehab/expand existing system		272229	58 \$	5,364,000
Blackduck	96	Rehab collection and treatment system		279582	60 \$	3,174,894
Blomkest	5	Unsewered, regionalize with Svea	Yes	279363	95 \$	3,362,000
Blooming Prairie	64	Rehab existing collection system		279672	66 \$	1,884,900
Blue Earth - Phase 2 & 3	2	Biosolids storage, sewer rehab	Yes	279439	105 \$	3,766,400
Bovey	265	Rehab collection system		279580	31 \$	450,000
Braham	152	Rehab existing WWTP		279615	51 \$	1,756,000
Breitung Township	43	Sewer rehab		279364	72 \$	552,339
Brooklyn Center - Stormwater	334	Construct CDS treatment for TSS		279720	10 \$	1,800,000
Browerville - Phase 2	238	Treatment facility rehab		272617	39 \$	6,205,600
Brownsville	256	Rehab treatment facility		279489	34 \$	1,210,000
Brownton	160	Rehab/expand existing system		279516	50 \$	842,000
Bruno	347	Unsewered, pressure sewer/sand filter		279440	1 \$	2,682,000
Buhl	190	Rehab collection system, advance treatment		279550	46 \$	1,715,500
Burtrum	246	Unsewered, potential SSTs		279365	37 \$	900,000
Butterfield	19	Rehab/expand existing system	Yes	272479	83 \$	3,020,000
Canby	102	Sewer rehab		272322	58 \$	5,510,000

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Canosia & Grand Lake Twps - Caribou Lake	139	Unsewered, collection and treatment		279366	52 \$	4,400,000
Carlos Township	175	Unsewered, potential SSTS		279815	46 \$	-
Cass Lake	126	Rehab facility, replace collection system		279690	55 \$	2,270,000
Center City - Stormwater	297	Collection and treatment in CBD		279748	23 \$	175,000
Centerville - Stormwater	317	Surface and sub-surface infiltration		279713	17 \$	817,397
Centerville - Stormwater Downtown	290	Construction of phased storm sewer and reuse project		279717	25 \$	852,863
Central Iron Range SD - Chisholm	13	WW treatment regionalization		279367	86 \$	13,400,000
Chaska - Stormwater Hazeltine	220	Stabilize ravine and retention pond	Yes	279719	41 \$	223,611
Chaska - Stormwater Seminary	202	Restore wetland and stabilize ravine	Yes	279718	43 \$	200,000
Chisholm - Sewer rehab	86	Rehab collection system		279567	61 \$	3,700,000
Circle Pines - Stormwater	301	Golden Lake biohaven		279778	22 \$	135,730
Clarkfield	154	Rehab/expand existing system		272535	51 \$	-
Clear Lake / Clearwater - Phase 1b	45	Lift Stations & Forcemain		279368	71 \$	1,309,175
Clitherall	110	Unsewered, collection and treatment with ponds		279536	57 \$	1,818,000
Cokato	270	Expand existing WWTP		279616	30 \$	4,400,000
Coleraine, Bovey, Taconite JWC	63	Upgrade arobic digestors		279566	66 \$	1,431,000
Comfrey	14	Rehab existing collection and treatment system	Yes	279689	86 \$	1,580,000
Cotton Township	342	Unsewered, collection and treatment		279441	5 \$	649,369
Cottonwood	241	Rehab lift station and collection system		279749	38 \$	407,700
Crane Lake - Eastern Service Area	324	Unsewered, extend collection system		272618	15 \$	3,860,000
Cromwell	108	Rehab/replace existing mound system		279442	58 \$	350,000
Crystal - Stormwater	157	Twin Oak pond	Yes	279722	50 \$	753,620
Dakota	76	Unsewered, potential cluster system	Yes	279642	63 \$	-
Dalton	99	Rehab collection system		279750	60 \$	-
Darwin	138	Expand existing system, rehab collection system		279562	53 \$	531,000
Dassel	230	Replace lift station		279751	40 \$	220,000
Dawson	67	Rehab collection system		279752	66 \$	5,200,000
Deer River	284	Rehab/expand existing system		272596	28 \$	1,481,410
Deerwood	243	Rehab collection system, lift station		279632	38 \$	150,000
Detroit Lakes	122	Replace lift station		279739	55 \$	155,000
Dilworth	348	Sewer rehab		272607	1 \$	975,000
Doran	79	Unsewered, new collection and treatment		272620	62 \$	350,000
Dover-Eyota-St.Charles Phase 2	142	Rehab/expand and upgrade existing system		272099	52 \$	16,606,100
Dresbach Township	216	Unsewered, potential SSTS	Yes	279753	42 \$	-
Duluth - East Interceptor SSO Basin	18	SSO interceptor and lift station		279731	83 \$	20,000,000
Dundee	69	Unsewered, 12 cluster treatment sites		279551	65 \$	850,000
Eagan - Stormwater	310	Fish Lake alum dosing station sediment basin		279754	19 \$	198,000
East Bethel	344	Unsewered, connect to new MCES WWTF		279813	1 \$	10,350,000
East Grand Forks - Phase 2	116	Rehab ponds and lift stations, I/I work		279499	56 \$	9,537,403

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Easton	91	Rehab collection system		279652	61 \$	896,174
Eden Valley	232	Rehab collection system, RIB construction		279581	40 \$	1,299,100
Elba	349	Unsewered, collection and treatment		272425	1 \$	-
Elbow Lake - Division Street	105	Sewer rehab		279446	58 \$	147,000
Elbow Lake - West Side	56	Sewer rehab		279479	68 \$	834,019
Ellendale	39	Rehab and expand sewer system		279447	73 \$	960,000
Ellsworth	350	Rehab sewers, I/I reduction		279448	1 \$	563,000
Elmore	31	Rehab existing collection system, pond improvements	Yes	279671	78 \$	4,666,250
Ely	101	Sewer rehab, I/I reduction		279370	58 \$	1,839,250
Erskine	98	Rehab collection and treatment systems		279755	60 \$	-
Essig	94	Unsewered, connect to Sleepy Eye	Yes	272622	60 \$	973,000
Evansville	120	Rehab collection system		279756	56 \$	850,000
Eveleth	87	rehab collection system		279700	61 \$	519,388
Faribault	111	Rehab existing facility and advanced treatment		279643	57 \$	26,586,798
Faribault County - Guckeen	12	Unsewered, connect to Blue Earth	Yes	279316	86 \$	1,065,000
Federal Dam	257	Retrofit to existing system		272280	34 \$	-
Floodwood	315	Sewer extension - business park		279449	18 \$	-
Forest City Twp	121	Unsewered, potential SSTs		279526	55 \$	390,000
Forest Lake - Stormwater	330	Construct filtration BMP retrofits		279708	11 \$	209,181
Fosston	35	Add primary pond and make other improvements		279757	73 \$	2,744,000
Fountain	93	New mechanical tmnt and rehab collection system		279411	60 \$	1,292,653
Foxhome	288	Unsewered, potential SSTs		279617	25 \$	750,000
Franklin	127	Rehab collection system		279758	54 \$	1,918,200
Freeborn County - Stables Area	292	Unsewered, connect to existing system		279701	24 \$	5,400,000
French Twp - Wall Street	269	Unsewered, potential SSTs		279638	30 \$	255,000
Gaylord - Unsewered	351	Unsewered, extend collection system		272448	1 \$	-
Gaylord - WWTP Improvements	352	Rehab/expand existing system		272447	1 \$	-
Gem Lake - Stormwater	323	South Scheuneman Road improvements		279759	15 \$	140,000
Gilbert	189	Rehab/expand existing system		272306	46 \$	1,654,400
Gilbert - Sparta Location	335	Unsewered, connect to Gilbert		272504	10 \$	600,000
Glyndon	62	Rehab existing facility, rehab collection system		279683	66 \$	1,004,100
Gonvick	59	Rehab/expand existing system		271210	68 \$	500,000
Goodview - Woodhaven Estates I	353	Unsewered, collection system		279537	1 \$	617,600
Grand Marais	217	I/I correction		272477	42 \$	645,500
Grand Rapids - Annes Area 3	354	Unsewered		279511	1 \$	425,000
Grand Rapids - Golf Course Road	340	Unsewered, extend collection system		279451	5 \$	2,352,134
Grand Rapids - Plant Relocation	226	Relocate primary treatment facilities		279620	40 \$	32,486,926
Granite Falls - Phase 2	199	Rehab/expand existing system		272197	44 \$	1,580,000
Greenbush	212	Sewer rehab		279371	43 \$	282,968

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Project Name	Rank	Project Description	Project Number	TMDL Project	Priority Points	Estimated Project Cost
Grove City	252	New mechnical treatment facility		279549	36 \$	3,578,500
Hackensack - Stormwater	325	East side of Hwy 371		279760	13 \$	155,000
Ham Lake	113	New collection system and SSTS treatment		279654	56 \$	2,000,000
Ham Lake - Stormwater	345	Hiawatha Beach/Comfort Resort Area		279820	1 \$	462,000
Hamburg	244	Regionalize - Norwood/Young America		279452	38 \$	2,933,000
Hamburg - Rehab	106	Rehab collection mains and laterals		279628	58 \$	1,246,536
Hampton	319	Rehab/expand existing system		272532	16 \$	-
Hanley Falls	210	Rehab collection system		279761	43 \$	400,000
Hartland	245	Rehab existing system		279779	38 \$	339,226
Hastings - Stormwater	141	Three rivers infiltration pond diversion	Yes	279762	52 \$	145,412
Hawley - Phase 3	75	Rehab collection system		279763	64 \$	716,000
Hazel Run	41	Unsewered, potential SSTS	Yes	279649	72 \$	-
Hector	251	Rehab existing collection and treatment		279785	36 \$	5,040,200
Hector - Stormwater	331	Sediment ponds		279786	11 \$	2,072,200
Henning	125	I/I correction		272626	55 \$	2,038,000
Hibbing	283	Rehab lift station pump and generator		279669	28 \$	1,500,000
Hibbing - mercury removal	104	Construct membrane filter	Yes	279668	58 \$	5,000,000
Hibbing - stormwater	355	Rehab existing storm sewer system		279670	1 \$	1,000,000
Hitterdal	298	Rehab/expand ponds, extend sewer		272595	23 \$	825,500
Hopkins-LS #1 Abandonment	84	Abandon LS, install new collection		279694	61 \$	286,185
Hopkins-LS #4	221	Rehab existing lift station, rehab existing collection		279693	41 \$	156,652
Hutchinson	207	Expansion of existing treatment plant	Yes	279688	43 \$	613,800
Iron Junction	279	Rehab collection system, I/I		279571	29 \$	954,000
Iron Junction - Unsewered	339	Unsewered, connect to WWTP		279574	7 \$	953,660
Jackson County - Loon Lake	289	Unsewered, collection and treatment		272554	25 \$	1,100,660
Jenkins	356	Unsewered		279458	1 \$	-
Kabetogama Twp - Puck's Point	129	Unsewered, potential SSTS		279610	53 \$	1,008,801
Kandiyohi County - Diamond Lake	305	Unsewered, connect to Green Lake SD		279507	20 \$	6,817,900
Kandiyohi County - Henderson, George and Nest	302	Unsewered, connect to Green Lake SD		279506	21 \$	2,100,000
Kandiyohi, City of	33	Connect to Green Lake SD		279639	76 \$	3,382,578
Kasson	40	Rehab collection system		279706	72 \$	892,200
Kimball	234	Rehab/expand existing system		272594	40 \$	530,700
Kimball - Sanitary Sewer Line Replacement	233	Rehab collection system		279764	40 \$	-
Kingston	357	Unsewered, replace SSTS		279532	1 \$	-
Knife River - Larsmont SD	280	Unsewered, connect Larsmont to Duluth/N.Shore		272438	28 \$	9,000,000
Koochiching County - Island View Voyageurs	267	Unsewered, connect to NKSD		279707	30 \$	11,150,797
La Crescent	260	Rehab/expand existing system		272324	33 \$	796,200
La Crescent Twp	273	Unsewered, potential SSTS		279641	29 \$	-
Lafayette	90	Rehab collection system		279607	61 \$	1,351,250

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Lake of the Woods Co. - Wheeler's Point	82	Unsewered, potential SSTS		279475	61	\$ 7,003,936
Lake Park	89	Rehab collection system		279765	61	\$ 2,343,000
Lake Twp - Lakewood MPH	358	Unsewered, collection and treatment		279598	1	\$ 1,958,495
Lake Twp - Warroad Estates/Northern Lights MPH	359	Unsewered, collection and treatment		279604	1	\$ 3,775,579
Lake Washington Sanitary District	343	Unsewered, connect to Mankato		279766	3	\$ -
Lakeview Twp - Lake Sallie	271	Unsewered, potential SSTS		279646	30	\$ -
Lansing Twp 2	336	Expand existing treatment WWTP		279600	9	\$ -
Laporte	308	Rehab collection and treatment system, expansion		279573	20	\$ 250,000
Laporte - Unsewered	320	Unsewered, extend collection system		279578	15	\$ 100,000
Le Center	117	Rehab collection system		279784	56	\$ 7,130,100
Leaf Valley Township	218	Unsewered, potential SSTS		279816	41	\$ -
Leonard	268	Unsewered, SSTS and clusters		279586	30	\$ -
Lewiston	26	Rehab/expand existing system		279379	78	\$ 1,051,000
Lindstrom - Glader Boulevard	255	Unsewered area, connect to CLJSD		279744	34	\$ 320,000
Lindstrom - Lakelawn Avenue	224	Unsewered area, connect to CLJSD		279746	40	\$ 150,000
Lindstrom - Mentzer / Melody	318	Unsewered area, connect to CLJSD		279745	16	\$ 540,000
Lindstrom - Minnesota Avenue	201	Unsewered area, connect to CLJSD		279747	43	\$ 260,000
Lindstrom - Sewer Lining	250	Rehab collection system		279743	36	\$ 150,000
Litchfield	29	Rehab and expand existing treatment		279593	78	\$ 14,857,560
Louisburg	173	Unsewered, potential cluster SSTS		279650	47	\$ 450,000
Lowry	68	Rehab existing system, I/I and new pond		279534	66	\$ 3,580,000
Lucan	360	Rehab/expand existing system		272586	1	\$ 600,000
Mahnomen	165	Rehab existing facility, rehab collection system		279684	48	\$ 420,000
Manchester	9	Unsewered, collection and treatment	Yes	279321	90	\$ 1,604,000
Mankato - Sewer Lining	95	Gravity sanitary sewer lining project		279732	60	\$ 5,150,000
Mantorville	329	Rehab and expand existing facility, advanced treatment		279674	11	\$ -
Mantorville - Mantor Drive	109	Unsewered, connect to existing system	Yes	279675	57	\$ 545,000
Marine on St. Croix	361	Rehab collection system		279686	1	\$ -
Marshall - Stormwater	158	Tiger Lake improvements	Yes	279737	50	\$ 810,000
Mazeppa	277	Rehab/expand existing system		279509	29	\$ 1,275,000
MCES - Golden Valley Area Imp	150	Plan/design interceptor improvements		279770	51	\$ 30,000,000
MCES - Lift stations L7,L13,L30,L35,L66	192	Plan/design lift stations improvements		279769	45	\$ 24,000,000
MCES 1-MN-310/320	147	Plan/design interceptor improvements		279768	51	\$ 60,000,000
MCES Blue Lake Int. System Improvements	181	Interceptor system improvement		279356	46	\$ 158,396,475
MCES Blue Lake Plant Improvements	115	Treatment plant improvements		279341	56	\$ 158,396,475
MCES Brooklyn Park Int. Rehab	182	Interceptor improvements		279382	46	\$ 8,287,000
MCES Elm Creek	180	Interceptor improvements		272146	46	\$ 10,665,920
MCES Empire Service Area Capacity	239	Treatment plant improvements		272547	38	\$ 2,012,307
MCES Hastings WWTP	274	Plan/design tmnt plant improvements		272630	29	\$ 59,344,929

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MCES Hopkins LS/FM Improvements	177	Plan/design interceptor improvements		272493	46 \$	38,875,606
MCES Lift Station L-12 Improvements	179	Lift station improvements		272629	46 \$	3,936,303
MCES MWWTP Rehab & Facilities Imp	176	Plan/design tmnt plant improvements		279435	46 \$	104,691,050
MCES MWWTP Solids Processing Improvements	186	Treatment plant improvements		272355	46 \$	12,000,000
MCES NE Interceptor Improvements	149	Plan/design interceptor improvements		279343	51 \$	172,762,750
MCES NW Interceptor Improvements	285	Plan/design interceptor improvements		272628	26 \$	187,770,604
MCES Riverview Siphon Improvements	148	Interceptor system improvements		279344	51 \$	2,870,328
MCES Seneca Disinfection and Phosphorus	114	Treatment plant improvements		279345	56 \$	8,398,605
MCES So. St. Paul Forcemain	183	Interceptor system improvements		279386	46 \$	35,221,518
McGrath	362	Corrective action project		279461	1 \$	470,000
McIntosh	153	Rehab existing facility, rehab collection system		279682	51 \$	2,106,000
Meadowlands	363	Rehab existing system		279387	1 \$	-
Menahga	137	Rehab/expand existing system		272632	53 \$	1,462,480
Menahga - Unsewered	326	Unsewered		279601	12 \$	-
Mentor	225	Unsewered, collection and treatment		272592	40 \$	1,847,053
Middle Fork Crow River WD - Stormwater	337	Green Lake bio-retention		279819	9 \$	780,000
Middle River	57	Rehab and expansion, study I/I		279635	68 \$	570,128
Milaca	364	Relocate ponds		279462	1 \$	13,136,500
Miltona Twp	236	Unsewered, potential SSTs		279817	39 \$	-
Minneapolis - Stormwater	132	Greenway filtration, Crystal Lake	Yes	279780	53 \$	3,750,000
Minneapolis - Flow Meter	47	Plan/design meter improvements		279821	71 \$	900,000
Minneapolis - Inflow Disconnect	48	Inflow disconnect from storm sewers		279726	71 \$	6,600,000
Minneapolis - MN320	49	Plan/design collection rehab		279729	71 \$	750,000
Minneapolis - Separation Sewer/ I & I	50	CSO projects		279725	71 \$	3,775,300
Minneapolis War Department Tunnel	178	Plan/design collection rehab		279728	46 \$	550,000
Minneota	38	Rehab collection system	Yes	279647	73 \$	2,350,000
Minnesota City	70	Unsewered, potential SSTs	Yes	279648	65 \$	-
Moe Twp	171	Lobster Lake area, potential SSTs		279738	47 \$	-
Monticello	222	Rehab existing facility		279702	41 \$	8,800,000
Moose Lake - Phase 2	24	Expand collection and treatment system		279577	81 \$	4,572,189
Mora	276	Rehab existing clarifiers		279631	29 \$	3,500,000
Morgan	66	Rehab collection system and WWTP improvements		279771	66 \$	6,215,000
Morgan - Stormwater	304	County ditch and pond		279781	21 \$	8,338,900
Morton	128	Rehab collection and treatment systems		279772	54 \$	4,636,500
Motley	161	Rehab collection and WWTP, advanced treatment		279548	49 \$	3,000,000
Mountain Iron	168	Rehab existing treatment system		279677	48 \$	769,300
Murdock	188	Expand existing treatment, additional pond		279679	46 \$	400,000
Murray County - Lime Creek	17	Unsewered, 12 cluster treatment sites		279552	85 \$	280,250
Myrtle	10	Unsewered, collection and treatment	Yes	279322	90 \$	630,000

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Nashwauk	209	Sewer extension, expand existing system		272537	43 \$	2,759,150
Nashwauk - Phase 2	282	Rehab collection system		279553	28 \$	1,243,275
New Germany	213	Replace pond with new mechanical treatment plant		279651	43 \$	4,100,000
New Hope - Stormwater	133	45th Ave. pond improvements	Yes	279773	53 \$	550,000
New Munich	196	Expand WWTP		279560	45 \$	580,000
New York Mills	124	Rehab collection system		279774	55 \$	190,000
Newport	286	Rehab collection system		279656	26 \$	950,000
Newport - Stormwater	313	North ravine stabilization and nutrient removal		279657	18 \$	4,250,000
Nielsville	365	Pond rehab, I/I removal		279416	1 \$	-
Nisswa	291	Rehab/expand ponds, add subsurface disposal		279535	25 \$	4,450,000
Northern Twp	366	Unsewered		272604	1 \$	7,620,000
Northome	214	Rehab collection and treatment system		279592	43 \$	4,975,000
Oak Grove	227	Extend service to NE area to West Lake George WWTP		279624	40 \$	581,374
Odessa	71	Rehab existing system		279323	65 \$	1,400,000
Odin	8	Unsewered, collection and treatment system	Yes	279605	90 \$	3,480,000
Ogilvie	163	Rehab collection system		279676	49 \$	150,000
Olivia	223	Rehab collection and treatment systems		279776	41 \$	6,457,285
Olivia - Stormwater	314	SW area Phase 2		279775	18 \$	4,072,090
Ormsby	15	Unsewered, potential regionalization	Yes	272501	85 \$	3,204,000
Oronoco	131	Unsewered, potential SSTs	Yes	279777	53 \$	-
Ortonville	72	Rehab collection system		279787	65 \$	838,000
Ortonville - McCloud Street	123	Rehab collection system		279636	55 \$	304,650
Osakis	240	Rehab/expand existing system		279500	38 \$	5,782,500
Oslo	266	Rehab collection system, pond improvements		272412	31 \$	575,000
Otertail	367	Unsewered		272311	1 \$	3,760,000
Owatonna	58	Rehab/expand existing facility, advanced treatment		279655	68 \$	8,667,936
Palisade	338	Sewer rehab and expansion		279467	8 \$	830,000
Park Rapids	228	Rehab collection system		279788	40 \$	510,000
Parkers Prairie	368	Sewer extensions and improvements		279389	1 \$	644,000
Paynesville	193	Rehab w/ conversion to activated sludge		279818	45 \$	5,900,000
Pelican Group Of Lakes Improvement Dist	369	Unsewered, collection and treatment		272581	1 \$	16,949,850
Pelican Rapids	78	Sewer rehab		279468	63 \$	2,200,000
Pequot Lakes - Alley	231	Rehab collections system		279789	40 \$	350,000
Pequot Lakes - Existing area	229	Rehab existing collection system		279521	40 \$	4,000,000
Perham	194	Expand WWTP		279791	45 \$	3,500,000
Perham - Sewer Rehab	195	Rehab collections system		279790	45 \$	1,768,000
Pine City	198	Expand existing system		279517	44 \$	30,000,000
Pipestone	54	Expand existing treatment, additional pond	Yes	279692	68 \$	2,300,000
Plymouth - Stormwater	303	Water quality ponding in West Medicine Lake Park		279714	21 \$	1,200,000

APPENDIX 4

Clean Water Revolving Fund 2010 Project Priority List

Alphabetical Order

Project Name	Rank	Project Description	Project Number	TMDL Project	Priority Points	Estimated Project Cost
Pope County - Lk Minnewaska/Lk Pelican	370	Unsewered, collection and treatment		272573	1	\$ 15,250,000
Princeton	253	Expand existing system		271146	35	\$ 13,240,000
Quamba	272	Unsewered, connect to Mora		272636	29	\$ 1,445,000
Racine	371	Rehab/expand existing system		272608	1	\$ 520,000
Randolph	372	Unsewered, collection and treatment		272584	1	\$ 3,715,600
Red Rock Twp - Nicolville	4	Unsewered, collection and treatment	Yes	279497	100	\$ 421,000
Red Wing	293	Construct regional bio-solids facility		279792	24	\$ 9,000,000
Red Wing - Phase 2	73	Rehab main facility and biosolids	Yes	273002	64	\$ 2,767,600
Red Wing - Phase 3	74	Bench Street pretreatment facility	Yes	279626	64	\$ 2,824,000
Renville	65	Expand treatment facility	Yes	272365	66	\$ 6,400,000
Rice - Stormwater	322	Core residential area		279793	15	\$ 446,000
Rice Creek WD - Stormwater	333	Locke Lake sediment basin		279730	11	\$ 750,000
Rice Lake Twp	373	Unsewered, collection and treatment		272538	1	\$ 4,892,926
Richmond	258	Rehab collection system		279612	34	\$ 573,000
Rochester - NE Sanitary Relief	11	East Zumbro Phase 4		279794	88	\$ 3,500,000
Rochester - Stormwater	166	Regional stormwater management pond EP-16	Yes	279704	48	\$ 1,811,621
Rochester - Water Reclamation Plant	259	Rehab existing facility, bio-gas anerobic digesters		279698	33	\$ -
Rose Creek	278	Rehab existing collection system, I/I		279554	29	\$ 621,925
Roseland Twp	32	Unsewered, new collection and treatment system	Yes	279589	77	\$ -
Rothsay	155	Rehab collection system		279795	51	\$ 2,734,000
Royalton - Stormwater	306	East side Hwy 10		279796	20	\$ 375,000
Rush City	300	Expand existing system		279519	22	\$ -
Rushford	52	Rehab existing facility, rehab collection system	Yes	279696	69	\$ 1,500,000
Rutledge	374	Unsewered, collection and treatment		272569	1	\$ 1,292,000
RWMWD - Stormwater 15th Ave E	299	Green streets project		279711	22	\$ 1,000,000
RWMWD - Stormwater Hwys 36 & 61	294	Improved stormwater management		279710	23	\$ 1,340,000
RWMWD - Stormwater Mall	295	Maplewood Mall parking lot infiltration retrofit		279709	23	\$ 1,000,000
Sandstone	134	Expand existing system		279518	53	\$ 17,827,000
Sauk Centre	159	Rehab existing facility, advanced treatment		279653	50	\$ 8,910,000
Seaforth	25	Unsewered, SSTs and clusters	Yes	279393	80	\$ 988,000
Sebeka	261	Rehab collection system		279644	33	\$ 600,000
Shafer	332	Expand WWTF, advance treatment		279471	11	\$ 1,865,600
Shelly	27	Pond improvements		279394	78	\$ 1,804,000
Sherburn	119	Rehab collection system		279691	56	\$ 900,000
Shevlin	312	Unsewered, potential SSTs		279584	18	\$ -
Shoreview - Stormwater	327	Woodbridge Street road reconstruction		279721	12	\$ 1,440,400
Silver Creek Twp - Castle Danger 2	375	Unsewered, connect to existing system		279408	1	\$ 3,609,000
Silver Creek Twp - Stewart River	262	Unsewered, connect to existing system		272439	31	\$ 5,300,000
Solway	311	Unsewered		279585	18	\$ -

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Clean Water Revolving Fund 2010 Project Priority List

Alphabetical Order

Project Name	Rank	Project Description	Project Number	TMDL Project	Priority Points	Estimated Project Cost
South Bend Twp	281	Unsewered, connect to Mankato		279797	28 \$	3,556,000
St. Cloud	151	Rehab and expansion		279645	51 \$	48,000,000
St. Cloud - Interceptor	219	Rehab interceptor sewer		279697	41 \$	7,500,000
St. Francis	376	New eastside WWTP and rehab at westside WWTP		279525	1 \$	10,500,000
St. James	7	Rehab existing collection system, advanced treatment	Yes	279591	91 \$	11,014,215
St. Louis County - Midway Twsp	81	Rehab collection system		279545	61 \$	2,350,000
St. Martin	170	Rehab/expand existing system		279502	48 \$	1,540,000
St. Paul - Stormwater	316	College Park infiltration project		279715	17 \$	1,300,000
St. Stephen	377	Unsewered, collection and treatment		272552	1 \$	9,518,000
Staples	287	Rehab collection system		279798	26 \$	523,000
Staples - Northwest Area	185	Rehab/extend collection system, I/I		279398	46 \$	1,575,000
Staples - Stormwater Northwest Area	378	Stormwater- Northwest Area		279522	1 \$	-
Starbuck	247	Expand existing system	Yes	279515	37 \$	700,000
Stephen	242	Rehab/expand existing system		272496	38 \$	988,000
Stewartville	156	Lift station, EQ basin, advanced treatment		279681	50 \$	3,600,000
Stillwater - Lowell Park	248	Rehab collection system		279695	36 \$	600,000
Tenney	275	Unsewered, collection and treatment		279614	29 \$	-
Tofte/Schroeder SD	341	Unsewered, collection and treatment		272437	5 \$	10,350,000
Tower - Brietung Wastewater Board	112	Rehab collection and treatment system		272308	57 \$	2,327,300
Tower - Hoo-Doo Point	321	Unsewered, extend collection system		272639	15 \$	627,300
Tower - Sewer Replacement	44	Sewer replacement and I/I correction		279399	72 \$	521,440
Tower - West T.H. 169	379	Unsewered, extend collection system		279409	1 \$	787,000
Tracy	55	Rehab/expand existing system		279575	68 \$	5,209,000
Trimont	30	Rehab collection and treatment systems	Yes	279800	78 \$	6,142,100
Trosky	53	Unsewered, potential SSTs	Yes	279723	68 \$	-
Truman	88	Rehab collection system		279621	61 \$	821,500
Verndale - Phase 2	97	Rehab collection system, I/I		279403	60 \$	730,000
Vernon Center	164	Rehab collection system		279640	49 \$	1,400,000
Villard Area Lakes SD	140	Unsewered, collection and treatment	Yes	279603	52 \$	8,907,000
Virginia	51	Rehab treatment system, advanced treatment		279801	71 \$	18,500,000
Waldorf	83	Rehab collection system		279619	61 \$	1,312,000
Walnut Grove	118	Rehab collection system		279802	56 \$	2,902,100
Warba	215	Rehab collection/ponds, advanced treatment	Yes	279622	43 \$	2,278,000
Warren	136	Rehab collection system		279803	53 \$	1,706,000
Warroad	211	Rehab/expand existing system		272473	43 \$	4,277,313
Waseca	1	Rehab system, advanced treatment	Yes	279606	108 \$	16,108,549
Waseca - Stormwater	328	Pipe and channel diversion to natural wetland		279703	11 \$	500,000
Watertown	208	Rehab/expand existing system		279514	43 \$	9,400,000
Waterville	167	Rehab existing system, lift station and sewer extension		279804	48 \$	2,160,000

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Clean Water Revolving Fund 2010 Project Priority List

Alphabetical Order

Project Name	Rank	Project Description	Project Number	TMDL Project	Priority Points	Estimated Project Cost
Watson	3	Rehab collection system, connect to Montevideo	Yes	272643	104	\$ 3,178,000
Welcome	135	Rehab WWTF, advanced treatment	Yes	279806	53	\$ 950,000
West St. Paul - Stormwater	296	Thompson Lake permanent improvements and habitat		279716	23	\$ 1,516,000
Westbrook	380	Rehab/expand existing system		272529	1	\$ -
Whalan	381	Unsewered, collection and treatment		272605	1	\$ 1,012,550
Wheaton	36	Rehab lift station and new force main		279807	73	\$ 705,000
Wheaton - Phase 2	130	Sewer rehab, Phase 2		272454	53	\$ 2,060,000
Wheaton - Phase 3	77	Sanitary sewer upgrades		279822	63	\$ 2,200,000
White Bear Twp	254	Rehab collection system		279699	35	\$ 1,107,000
White Twp - Gardendale Utility Improv. Proj	28	Rehab collection system		279808	78	\$ 316,800
Whitefield Twp - Svea	16	Unsewered, regionalize with Blomkest	Yes	279476	85	\$ 1,110,000
Williams	307	Rehab treatment system		279590	20	\$ 533,000
Willmar - Eagle Lake	85	Rehab Lakeland Drive interceptor, lift station		279810	61	\$ 2,514,000
Willmar - Phase 2	6	Construct pumping stations D-6	Yes	279503	91	\$ 2,235,895
Willmar - Western	187	Construction of western collector system		279811	46	\$ 4,078,000
Willow River	200	Install re-circulating sand filter		279533	44	\$ 2,230,000
WLSSD - Biogas Utilizations	264	Rehab existing treatment system, install generator		279658	31	\$ 5,600,000
WLSSD - Gary Pump Station	145	Rehab existing collection, pump station improvements		279665	51	\$ 820,000
WLSSD - Headworks Improvements	143	Rehab existing treatment system, fine screen, vortex		279659	51	\$ 4,500,000
WLSSD - Hermantown Interceptor	22	Rehab existing collection, CIPP lining		279661	81	\$ 1,115,000
WLSSD - Jay Cooke/Wrenshall Pump Station	146	Rehab existing collection, pump station improvements		279663	51	\$ 1,190,000
WLSSD - Pike Lake Pump Station	174	Rehab existing collection, pump station improvements		279666	46	\$ 4,000,000
WLSSD - Polk St. Pump Station	60	Rehab existing collection, pump station improvements		279664	66	\$ 5,200,000
WLSSD - Scanlon Access Improvements	144	Rehab existing collection, construct access road		279662	51	\$ 500,000
WLSSD - Scanlon Int. Phase 2	61	Rehab interceptor		279633	66	\$ 4,300,000
WLSSD - Vortex Grit Removal	80	Vortex grit removal		279407	61	\$ 4,900,000
WLSSD - Woodland Interceptor	46	Rehab existing collection, CIPP lining		279660	71	\$ 220,000
Wrenshall	23	Rehab Pioneer Drive		279812	81	\$ 163,060
Wright	172	Unsewered, collection and treatment		272582	47	\$ 1,600,000
Zimmerman	237	Rehab/expand existing collection and treatment		279613	39	\$ 5,500,000
Total						\$ 2,138,683,785

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.

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

Appendix 6

Survey Responses and Methodological Considerations

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.