

COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Madison City

Last Updated:
6/10/2008

Reporting Year: 2007

Financial Management

	Questions	Points												
1.	Person Providing This Financial Information													
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Name:</td> <td style="border: 1px solid black; padding: 2px;">Steve Danner-Rivers</td> </tr> <tr> <td>Telephone:</td> <td style="border: 1px solid black; padding: 2px;">(608) 261-9689</td> </tr> <tr> <td>E-Mail Address(optional):</td> <td style="border: 1px solid black; padding: 2px;">sdannerrivers@cityofmadison.com</td> </tr> </table>	Name:	Steve Danner-Rivers	Telephone:	(608) 261-9689	E-Mail Address(optional):	sdannerrivers@cityofmadison.com							
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Telephone:	(608) 261-9689													
E-Mail Address(optional):	sdannerrivers@cityofmadison.com													
2.	Are User Charge or other Revenues sufficient to cover O&M Expenses for your wastewater treatment plant AND/OR collection system ?	0												
	<p style="margin-left: 40px;"> <input checked="" type="radio"/> Yes (0 points) <input type="radio"/> No (40 points) </p> <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 60%; margin-left: 40px;"></div>													
3.	When was the User Charge System or other revenue source(s) last reviewed and/or revised? Year: 2007	0												
	<p style="margin-left: 40px;"> <input checked="" type="radio"/> 0-2 years ago (0 points) <input type="radio"/> 3 or more years ago (20 points) <input type="radio"/> Not Applicable (Private Facility) </p>													
4.	Did you have a special account (e.g., CWFP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?	0												
	<p style="margin-left: 40px;"> <input checked="" type="radio"/> Yes <input type="radio"/> No (40 points) </p>													
REPLACEMENT FUNDS(PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 5)														
5.	Equipment Replacement Funds													
	5.1 When was the Equipment Replacement Fund last reviewed and/or revised? Year: 2007	0												
	<p style="margin-left: 40px;"> <input checked="" type="radio"/> 1-2 years ago (0 points) <input type="radio"/> 3 or more years ago (20 points) <input type="radio"/> Not Applicable Explain: </p> <div style="border: 1px solid black; height: 20px; width: 60%; margin-left: 40px;"></div>													
	5.2 What amount is in your Replacement Fund?													
	Equipment Replacement Fund Activity													
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">5.2.1 Ending Balance Reported on Last Year's CMAR:</td> <td style="width: 10%;"></td> <td style="width: 30%; text-align: right;">\$75,000.00</td> </tr> <tr> <td>5.2.2 Adjustments</td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td colspan="3" style="font-size: small;">if necessary (e.g., earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</td> </tr> <tr> <td>5.2.3 Adjusted January 1st Beginning Balance</td> <td></td> <td style="text-align: right;">\$75,000.00</td> </tr> </table>	5.2.1 Ending Balance Reported on Last Year's CMAR:		\$75,000.00	5.2.2 Adjustments	+	\$0.00	if necessary (e.g., earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)			5.2.3 Adjusted January 1st Beginning Balance		\$75,000.00	
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	<p>5.2.4 Additions to Fund (e.g., portion of User Fee, earned interest, etc.) + \$282,500.00</p> <p>5.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 5.2.5.1 below*) - \$62,237.73</p> <p>5.2.6 Ending Balance as of December 31st for CMAR Reporting Year \$295,262.27</p> <p>(All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.)</p> <p>*5.2.5.1. Indicate adjustments, equipment purchases and/or major repairs from 5.2.5 above</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">Design work for Gettle Ave Lift Station Rehab Wet Well Fan Replacement @ Fremont Lift Station</div>										
	<p>5.3 What amount should be in your replacement fund? \$0.01</p> <p>(If you had a CFWP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the HELP option button.)</p>										
	<p>5.3.1 Is the Dec. 31 Ending Balance in your Replacement Fund above (#5.2.6) equal to or greater than the amount that should be in it(#5.3)?</p> <p><input checked="" type="radio"/> Yes</p> <p><input type="radio"/> No Explain:</p> <div style="border: 1px solid black; height: 20px; width: 60%; margin: 5px 0;"></div>										
6.	Future Planning										
	<p>6.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating or new construction of your treatment facility or collection system?</p> <p><input checked="" type="radio"/> Yes (If yes, please provide major project information, if not already listed below)</p> <p><input type="radio"/> No</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 60%;">Project Description</th> <th style="width: 20%;">Estimated Cost</th> <th style="width: 20%;">Approximate Construction Year</th> </tr> </thead> <tbody> <tr> <td>State Street Replacements: This project is for the replacement of the existing sewer mains in the 500 and 600 Blocks of State Street. The project began in 2004 and is anticipated to be concluded in 2008 with the reconstruction of the 500 and 600 Blocks of State Street and adjacent streets.</td> <td style="text-align: center;">\$730,000.00</td> <td style="text-align: center;">2008</td> </tr> <tr> <td>Additions to Collection System: This project is for construction of assessable sewer facilities for new development, including easement acquisition where applicable. Projects for 2008 include: future phases of the Center for Industry and Commerce Plat and/or Interstate Commerce Park (\$100,000); Elderberry Neighborhood Extension (\$375,000); the Pumpkin Hollow Sewer Interceptor Extension (\$375,000); the Northeast (Sprecher) Neighborhood Extension (\$450,000); and the I94/Gaston Road Door Creek Interceptor. Amount shown is the estimate for 2008-2013.</td> <td style="text-align: center;">\$2,750,000.00</td> <td></td> </tr> </tbody> </table>		Project Description	Estimated Cost	Approximate Construction Year	State Street Replacements: This project is for the replacement of the existing sewer mains in the 500 and 600 Blocks of State Street. The project began in 2004 and is anticipated to be concluded in 2008 with the reconstruction of the 500 and 600 Blocks of State Street and adjacent streets.	\$730,000.00	2008	Additions to Collection System: This project is for construction of assessable sewer facilities for new development, including easement acquisition where applicable. Projects for 2008 include: future phases of the Center for Industry and Commerce Plat and/or Interstate Commerce Park (\$100,000); Elderberry Neighborhood Extension (\$375,000); the Pumpkin Hollow Sewer Interceptor Extension (\$375,000); the Northeast (Sprecher) Neighborhood Extension (\$450,000); and the I94/Gaston Road Door Creek Interceptor. Amount shown is the estimate for 2008-2013.	\$2,750,000.00	
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<p>Improvement to Sewer Study Areas: This project is for the continuing work on Inflow and Infiltration problems in specific areas. Proposed projects for 2008 include finding I & I sources to the Wright Street Pumping Station (\$35,000) and rehabilitation of sewer structures in the Truax Area (\$165,000). Amount shown is the estimate for 2008-2010.</p>	\$500,000.00	2007
<p>Sewer with Reconstructed Streets: This project involves replacement of older, problematic sanitary sewers in conjunction with street reconstruction projects and street resurfacing. The work provides for the replacement of 6 inch diameter clay sewers, which are difficult to maintain, and sewers nearing the end of their service life or determined to have a significant repair cost. Since 1997, the Utility has encouraged residents to replace the portion of their sewer lateral that lies within the public right-of-way by offering to pay for 75% of the cost. All 6 inch mains under 'reconstruction' streets will be replaced. Sewers beneath resurfaced streets are evaluated for replacement on a case-by-case basis. This work is coordinated with the Street Reconstruction and water main replacement priorities. Amount shown is the estimate for 2008-2013.</p>	\$30,000,000.00	
<p>Hoard Area Sewer Replacements: In 1993 and again in 1996, residents residing in several blocks centering around Hoard and Kedzie Streets, suffered sanitary sewerage flooding into their basements. The City performed a detailed study to seek solutions to lessen the chance of future flooding. Implementation of the corrective action began with the replacement of the sewer interceptor on Johnson Street in 1997. This is for Phase 4, the final phase. Included streets will be Oak from East Johnson to Commercial, and Hoard from Oak to Street End. This budget provides for funding for further replacement, tentatively set for 2009 and 2010.</p>	\$650,000.00	
<p>E. Washington Ave. Sanitary Sewer Replacement: This project is the replacement of existing, aged sanitary sewer facilities in the East Washington Avenue street right-of-way and some adjoining side streets, in conjunction with a major street reconstruction project, over several years. It is anticipated that the project shall consist of a few sewer main abandonments and many main replacements. Design work shall be completed in 2008 for the Final Phase (Segment 4), with construction to start in 2009.</p>	\$625,000.00	
<p>Felland Area Sewer Extension to Nelson Rd: This project shall acquire necessary easements and extend sanitary sewer service to the North of the Felland Neighborhood, and to Nelson Road. This shall provide service to this developing area North of Burke Road and both East and West of Felland. This will also relieve the Nelson Road Lift Station, which is nearing capacity and precluding further development. Design and the acquisition process began in 2007. Construction is budgeted with this item for 2008.</p>	\$475,000.00	2007

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Financial Management (Continued)

7.	<p>Financial Management - Sewer Extensions: This project shall extend sanitary sewer service to the Lower Badger Mill Creek Watershed, from a proposed lift station at Mid Town Road to just North of the City of Madison. A Capital Budget which funds equipment replacement and other infrastructure improvements is arranged in a project format. Each project in 2007 and the funding for the project budget year is determined. In addition, the budget details future year estimates for the five subsequent years for each project documentation of the development investments. It is tentatively scheduled for 2008.</p>	\$2,975,000.00	2007	
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Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

COMPLIANCE MAINTENANCE ANNUAL REPORT

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Sanitary Sewer Collection Systems

Questions		Points
1.	Do you have a Capacity, Management, Operation & Maintenance(CMOM) requirement in your WPDES permit?	
	<input checked="" type="radio"/> Yes <input type="radio"/> No	
2.	Did you have a <u>documented</u> (written records/files, computer files, video tapes, etc.) sanitary sewer collection system operation & maintenance or CMOM program last calendar year?	0
	<input checked="" type="radio"/> Yes (go to question 3) <input type="radio"/> No (30 points) (go to question 4)	
3.	Check the elements listed below that are included in your Operation and Maintenance (O&M) or CMOM program.:	
	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Goals: specific identification of major goals of your O&M/CMOM program such as I/I reduction, basement backup and SSO reductions, repair and rehabilitation of sewers, system cleaning and monitoring, etc. <input checked="" type="checkbox"/> Organization: identification of those managers and persons who are responsible for implementing your O&M/CMOM program and reporting sanitary sewer overflows <input checked="" type="checkbox"/> Legal Authority: sufficient authority, through sewer use ordinances, service agreements or other legally binding documents to control infiltration/inflow sources, proper design, construction, inspection and testing of new and rehabilitated sewers and laterals and address flows from satellite collection systems, if present. <input checked="" type="checkbox"/> Maintenance Activities: routine preventative O&M activities, including adequate maintenance of facilities and equipment. By the use of: sewer system monitoring; inspections; a system to identify infiltration/inflow sources (including private property); a system for replacement part inventories; control of fat, oil & grease; employee training program; and a management system for the collection and use of information to establish O&M priorities <input checked="" type="checkbox"/> Design and Performance Standards: establish requirements and standards for design, installation and inspection of new sewers, service laterals, pump stations and sewer rehabilitation projects. <input checked="" type="checkbox"/> Overflow Emergency Response Plan: documented procedures for responding to SSOs, power outages, lift station failures sewer blockages or any other similar events of an emergency nature. <input type="checkbox"/> Capacity Assurance: a program to assess the current capacity of the collection system to identify problems or bottlenecks ; and if required, a System Evaluation and Capacity Assurance Plan (SECAP). <input checked="" type="checkbox"/> Annual Self-Auditing of your O&M/CMOM Program to ensure above components are being implemented, evaluated, and re-prioritized as needed. <input checked="" type="checkbox"/> Special Studies (if applicable): any special studies undertaken such as I/I Analysis, Sewer System Evaluation Surveys (SSES), or sewer pipe studies. Please list the study reports of the last year below: <div style="border: 1px solid black; height: 20px; margin-top: 10px;"></div>	

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Sanitary Sewer Collection Systems (Continued)

4.	Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained:	
	Cleaning <input style="width: 60px;" type="text" value="50.21"/> % of system/year	
	Root Removal <input style="width: 60px;" type="text" value="2.07"/> % of system/year	
	Flow Monitoring <input style="width: 60px;" type="text" value="0"/> % of system/year	
	Smoke Testing <input style="width: 60px;" type="text" value="0"/> % of system/year	
	Sewer Line Televising <input style="width: 60px;" type="text" value="4.2"/> % of system/year	
	Manhole Inspections <input style="width: 60px;" type="text" value="2.35"/> % of system/year	
	Lift Station O&M <input style="width: 60px;" type="text" value="78"/> # per L.S./year	
	Manhole Rehabilitation <input style="width: 60px;" type="text" value="0.42"/> % of manholes rehabed	
	Mainline Rehabilitation <input style="width: 60px;" type="text" value="0.44"/> % of sewer lines rehabed	
	Private Sewer Inspections <input style="width: 60px;" type="text" value="0"/> % of system/year	
	Private Sewer I/I Removal <input style="width: 60px;" type="text" value="0"/> % of private services	
	Please include additional comments about your sanitary sewer collection system below: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	
5.	Provide the following collection system and flow information for the past year:	0
	<div style="display: flex; align-items: flex-start; margin-bottom: 10px;"> <div style="border: 1px solid black; width: 80px; height: 25px; margin-right: 10px; text-align: center; line-height: 25px;">44.41</div> <div>Total Actual Amount of Precipitation Last Year</div> </div> <div style="display: flex; align-items: flex-start; margin-bottom: 10px;"> <div style="border: 1px solid black; width: 80px; height: 25px; margin-right: 10px; text-align: center; line-height: 25px;">30.9</div> <div>Annual Average Precipitation (for your location)</div> </div> <div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 80px; height: 25px; margin-right: 10px; text-align: center; line-height: 25px;">765.25</div> <div>Miles of Sanitary Sewer</div> </div>	

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Sanitary Sewer Collection Systems (Continued)

	29	Number of Lift Stations
	2	Number of Lift Station Failure
	5	Number of Sewer Pipe Failures
	0	Number of Sanitary Sewer OverFlow (SSO) Occurrences:(10 points per occurrence)
	37	Number of Basement Backup Occurrences
	53	Number of Complaints
	28.8	Average Daily Flow in MGD
	<input style="width: 80px; height: 20px;" type="text"/>	Peak Monthly Flow in MGD(if available)
	<input style="width: 80px; height: 20px;" type="text"/>	Peak Hourly Flow in MGD(if available)
	PERFORMANCE INDICATORS	
	0.07	Lift Station Failures(failures/ps/year)
	0.01	Sewer Pipe Failures(pipe failures/sewer mile/yr)
	0.00	Sanitary Sewer Overflows (number/sewer mile/yr)
	0.05	Basement Backups(number/sewer mile)
	0.07	Complaints (number/sewer mile)
	0.0	Peaking Factor Ratio (Peak Monthly:Annual Daily Average)
	0.0	Peaking Factor Ratio(Peak Hourly:Annual daily Average)
6.	Was infiltration/inflow(I/I) significant in your community last year?	
	<input type="radio"/> Yes <input checked="" type="radio"/> No	
	If Yes, please describe:	
	<input style="width: 90%; height: 25px;" type="text"/>	

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Sanitary Sewer Collection Systems (Continued)

7.	Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?	
	<input type="radio"/> Yes <input checked="" type="radio"/> No If Yes, please describe: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	
8.	Explain any infiltration/inflow(I/I) changes this year from previous years?	
	<div style="border: 1px solid black; height: 25px; width: 100%; margin-top: 5px;"></div>	
9.	What is being done to address infiltration/inflow in your collection system?	
	<div style="border: 1px solid black; height: 25px; width: 100%; margin-top: 5px;"></div>	

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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WPDES No.0047341

GRADING SUMMARY				
SECTION	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Financial Management	A	4.0	1	4
Collection Systems	A	4.0	3	12
TOTALS			4	16
GRADE POINT AVERAGE(GPA)=4.00		4.00		

Notes:

A = Voluntary Range

B = Voluntary Range

C = Recommendation Range (Response Required)

D = Action Range (Response Required)

F = Action Range (Response Required)

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Resolution or Owner's Statement

NAME OF GOVERNING BODY OR OWNER	DATE OF RESOLUTION OR ACTION TAKEN
RESOLUTION NUMBER	
ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B, required for grade C, D, or F):	
Financial Management: Grade=A	
Collection Systems: Grade=A	
ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS (Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00) G.P.A. = 4.00	