

**VILLAGE BOARD  
OF THE  
VILLAGE OF FONTANA-ON-GENEVA LAKE**

June 2, 2008

Resolution No. 06-02-08-03

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**A Compliance Maintenance  
resolution required by the  
Wisconsin Department of Natural  
Resources**

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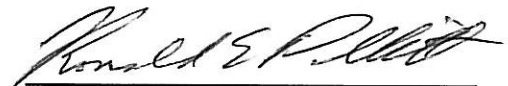
WHEREAS, it is a requirement under the Wisconsin Pollutant Discharge Elimination System (WPDES) permit, issued to the Village of Fontana by the Wisconsin Department of Natural Resources, to file an Compliance Maintenance Annual Report (CMAR) for its wastewater collection system) under Wisconsin Administrative Code NR 208 ;

WHEREAS, it is necessary to acknowledge that the governing body has reviewed the Compliance Maintenance Annual Report (CMAR);

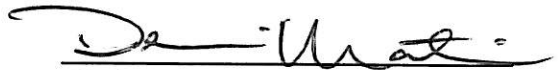
WHEREAS, it is necessary to provide recommendations or an action response plan for all individual CMAR section grades (of "C" or less) and/or an overall grade point average ( < 3.00 );

BE IT THEREFORE RESOLVED by the Board of Trustees for the Village of Fontana that there are no actions necessary, nor are there any deficiencies with wastewater collection system identified in the Compliance Maintenance Annual Report (CMAR)

Adopted this 2<sup>nd</sup> Day of June, 2008



President



Clerk

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: **Fontana On Geneva Lake Village**

Last Updated:  
5/30/2008

Reporting Year: 2007

## Financial Management

Questions	Points
1. Person Providing This Financial Information	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">Name:</div> <div style="border: 1px solid black; padding: 2px;">Craig C. Workman</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;">Telephone:</div> <div style="border: 1px solid black; padding: 2px;">(262) 275-3481</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;">E-Mail Address(optional):</div> <div style="border: 1px solid black; padding: 2px;">workman@villageoffontana.com</div> </div>	
2. Are User Charge or other Revenues sufficient to cover O&M Expenses for your wastewater treatment plant AND/OR collection system ?	0
<div style="margin-left: 20px;"> <input checked="" type="radio"/> Yes (0 points)  <input type="radio"/> No (40 points)                 </div> <div style="margin-left: 20px;">If No, please explain:</div> <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div>	
3. When was the User Charge System or other revenue source(s) last reviewed and/or revised? Year: 2007	0
<div style="margin-left: 20px;"> <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)                 </div>	
4. Did you have a special account (e.g., CWP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?	0
<div style="margin-left: 20px;"> <input checked="" type="radio"/> Yes  <input type="radio"/> No (40 points)                 </div>	
<b>REPLACEMENT FUNDS(PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 5)</b>	
5. Equipment Replacement Funds	
5.1 When was the Equipment Replacement Fund last reviewed and/or revised? Year: 2007	0
<div style="margin-left: 20px;"> <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:                 </div> <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div>	
5.2 What amount is in your Replacement Fund?	
<b>Equipment Replacement Fund Activity</b>	
<div style="display: flex; justify-content: space-between;"> <div>5.2.1 Ending Balance Reported on Last Year's CMAR:</div> <div>\$1,280,759.00</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>5.2.2 Adjustments if necessary (e.g., earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</div> <div style="text-align: right;">+ \$0.00</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>5.2.3 Adjusted January 1st Beginning Balance</div> <div>\$1,280,759.00</div> </div>	

# COMPLIANCE MAINTENANCE ANNUAL REPORT

**Facility Name:** Fontana On Geneva Lake Village

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## Financial Management (Continued)

<b>5.2.4</b>	<b>Additions to Fund</b> (e.g., portion of User Fee, earned interest, etc.)	+ \$1,172,929.00
<b>5.2.5</b>	<b>Subtractions from Fund</b> (e.g., equipment replacement, major repairs - use description box 5.2.5.1 below*)	- \$1,423,504.00
<b>5.2.6</b>	<b>Ending Balance as of December 31st for CMAR Reporting Year</b>	\$1,030,184.00

(All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.)

\*5.2.5.1. Indicate adjustments, equipment purchases and/or major repairs from 5.2.5 above

Main Lift Station, Lower Gardens Sewer Lining, Arrowhead Drive Sewer Lining, Castle Terrace Sewer Lining

**5.3 What amount should be in your replacement fund?**

\$1,000,000.00

(If you had a CWFP 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.)

**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)?**

☒ Yes

☐ No Explain:

## 6. Future Planning

**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?**

☒ Yes (If yes, please provide major project information, if not already listed below)

☐ No

Project Description	Estimated Cost	Approximate Construction Year
South Lakeshore I/I reduction	\$75,000.00	2008
Timber Trail sewer lining & reconstruction	\$100,000.00	2008
Third Avenue sewer lining & reconstruction	\$200,000.00	2008
Kinzie Drive sewer lining & reconstruction	\$75,000.00	2008
Timber Ridge Lift Station Reconstruction or Abandonment	\$80,000.00	2008

## 7. Financial Management General Comments:

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

Last Updated:  
5/30/2008

Reporting Year: 2007

Financial Management (Continued)

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

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

Last Updated:  
5/30/2008

Reporting Year: 2007

## Sanitary Sewer Collection Systems

	Questions	Points
1.	<p>Do you have a Capacity, Management, Operation &amp; Maintenance(CMOM) requirement in your WPDES permit?</p> <p style="margin-left: 40px;"> <input checked="" type="radio"/> Yes  <input type="radio"/> No                 </p>	
2.	<p>Did you have a <u>documented</u> (written records/files, computer files, video tapes, etc.) sanitary sewer collection system operation &amp; maintenance or CMOM program last calendar year?</p> <p style="margin-left: 40px;"> <input checked="" type="radio"/> Yes (go to question 3)  <input type="radio"/> No (30 points) (go to question 4)                 </p>	0
3.	<p>Check the elements listed below that are included in your Operation and Maintenance (O&amp;M) or CMOM program.:</p> <div style="margin-left: 20px;"> <p><input checked="" type="checkbox"/> <b>Goals:</b> specific identification of major goals of your O&amp;M/CMOM program such as I/I reduction, basement backup and SSO reductions, repair and rehabilitation of sewers, system cleaning and monitoring, etc.</p> <p><input checked="" type="checkbox"/> <b>Organization:</b> identification of those managers and persons who are responsible for implementing your O&amp;M/CMOM program and reporting sanitary sewer overflows</p> <p><input checked="" type="checkbox"/> <b>Legal Authority:</b> 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.</p> <p><input checked="" type="checkbox"/> <b>Maintenance Activities:</b> routine preventative O&amp;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 &amp; grease; employee training program; and a management system for the collection and use of information to establish O&amp;M priorities</p> <p><input type="checkbox"/> <b>Design and Performance Standards:</b> establish requirements and standards for design, installation and inspection of new sewers, service laterals, pump stations and sewer rehabilitation projects.</p> <p><input type="checkbox"/> <b>Overflow Emergency Response Plan:</b> documented procedures for responding to SSOs, power outages, lift station failures sewer blockages or any other similar events of an emergency nature.</p> <p><input type="checkbox"/> <b>Capacity Assurance:</b> 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).</p> <p><input type="checkbox"/> <b>Annual Self-Auditing of your O&amp;M/CMOM Program</b> to ensure above components are being implemented, evaluated, and re-prioritized as needed.</p> <p><input type="checkbox"/> <b>Special Studies (if applicable):</b> 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:</p> <div style="border: 1px solid black; height: 20px; width: 600px; margin-top: 5px;"></div> </div>	

# COMPLIANCE MAINTENANCE ANNUAL REPORT

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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	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">8</div> % of system/year </div>
	Root Removal	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">3</div> % of system/year </div>
	Flow Monitoring	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">3</div> % of system/year </div>
	Smoke Testing	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">0</div> % of system/year </div>
	Sewer Line Televising	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">4</div> % of system/year </div>
	Manhole Inspections	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">8</div> % of system/year </div>
	Lift Station O&M	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">200</div> # per L.S./year </div>
	Manhole Rehabilitation	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">2</div> % of manholes rehabed </div>
	Mainline Rehabilitation	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">2</div> % of sewer lines rehabed </div>
	Private Sewer Inspections	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">0</div> % of system/year </div>
	Private Sewer I/I Removal	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">1</div> % of private services </div>
	<p>Please include additional comments about your sanitary sewer collection system below:</p> <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:	10
	<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 80px; text-align: center; margin-right: 10px;">44.8</div> <div>Total Actual Amount of Precipitation Last Year</div> </div>	
	<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 80px; text-align: center; margin-right: 10px;">33.3</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; text-align: center; margin-right: 10px;">25</div> <div>Miles of Sanitary Sewer</div> </div>	



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## Sanitary Sewer Collection Systems (Continued)

12	Number of Lift Stations
1	Number of Lift Station Failure
1	Number of Sewer Pipe Failures
1	Number of Sanitary Sewer OverFlow (SSO) Occurrences:(10 points per occurrence)
1	Number of Basement Backup Occurrences
1	Number of Complaints
0.808	Average Daily Flow in MGD
	Peak Monthly Flow in MGD(if available)
	Peak Hourly Flow in MGD(if available)

### PERFORMANCE INDICATORS

0.08	Lift Station Failures(failures/ps/year)
0.04	Sewer Pipe Failures(pipe failures/sewer mile/yr)
0.04	Sanitary Sewer Overflows (number/sewer mile/yr)
0.04	Basement Backups(number/sewer mile)
0.04	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?

- ☒ Yes  
☐ No

If Yes, please describe:

High levels of I/I due to aging components and high groundwater levels.

# COMPLIANCE MAINTENANCE ANNUAL REPORT

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5/30/2008

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## Sanitary Sewer Collection Systems (Continued)

7.	<p>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?</p> <p style="margin-left: 40px;"> <input checked="" type="radio"/> Yes  <input type="radio"/> No         </p> <p>If Yes, please describe:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">           Overflow during August 2007 precipitation events.         </div>	
8.	<p>Explain any infiltration/inflow(I/I) changes this year from previous years?</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">           Sewer lining &amp; manhole reconstruction on Arrowhead Drive, Castle Terrace Drive, and Lower Gardens Drive.         </div>	
9.	<p>What is being done to address infiltration/inflow in your collection system?</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">           Sewer televising is conducted on an annual basis to determine I/I propbles. In addition, home inspections are conducted to check for illegal connections such as sump pumps, gutters, and roof drains.         </div>	

Total Points Generated	10
Score (100 - Total Points Generated)	90
Section Grade	B



# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

Last Updated:

Reporting Year: 2007

WPDES No.0047341

GRADING SUMMARY				
SECTION	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Financial Management	A	4.0	1	4
Collection Systems	B	3.0	3	9
TOTALS			4	13
GRADE POINT AVERAGE(GPA)=3.25		3.25		

## Notes:

A = Voluntary Range

B = Voluntary Range

C = Recommendation Range (Response Required)

D = Action Range (Response Required)

F = Action Range (Response Required)

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

Last Updated:  
5/30/2008

Reporting Year: 2007

## Resolution or Owner's Statement

NAME OF GOVERNING BODY OR OWNER	DATE OF RESOLUTION OR ACTION TAKEN
Village of Fontana Board of Trustees	6/2/2008
RESOLUTION NUMBER	
06-02-2008-1	
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=B	
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. = 3.25	