

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

June 7, 2010

Resolution No. 06-07-10-02

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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 ;

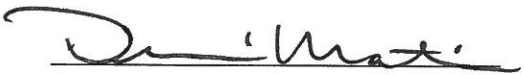
WHEREAS, it is necessary to acknowledge that the governing body has reviewed the Compliance Maintenance Annual Report (CMAR);

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 7<sup>th</sup> day of June, 2010

  
President

  
Clerk

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

Last Updated:  
6/4/2010

Reporting Year: 2009

## Financial Management (Continued)

	<b>5.2.4 Additions to Fund</b> (e.g., portion of User Fee, earned interest, etc.)	+	\$2,942,724.00
	<b>5.2.5 Subtractions from Fund</b> (e.g., equipment replacement, major repairs - use description box 5.2.5.1 below*)	-	\$2,419,114.00
	<b>5.2.6 Ending Balance as of December 31st for CMAR Reporting Year</b>		\$1,711,778.00
(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 <div style="border: 1px solid black; height: 20px; width: 100%;"></div>			

	<b>5.3 What amount <u>should</u> be in your replacement fund?</b> \$604,779.00 (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)? <input checked="" type="radio"/> Yes <input type="radio"/> No Explain: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	

## 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? <input checked="" type="radio"/> Yes (If yes, please provide major project information, if not already listed below) <input type="radio"/> No																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <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>South Lakeshore I/I reduction</td> <td style="text-align: right;">\$75,000.00</td> <td style="text-align: center;">2010</td> </tr> <tr> <td>Timber Ridge Lift Station Reconstruction or Abandonment</td> <td style="text-align: right;">\$100,000.00</td> <td style="text-align: center;">2010</td> </tr> <tr> <td>Pottawatomi Road Sewer Rehab</td> <td style="text-align: right;">\$150,000.00</td> <td style="text-align: center;">2010</td> </tr> <tr> <td>Northshore Drive Lift Station Rehab</td> <td style="text-align: right;">\$100,000.00</td> <td style="text-align: center;">2010</td> </tr> </tbody> </table>	Project Description	Estimated Cost	Approximate Construction Year	South Lakeshore I/I reduction	\$75,000.00	2010	Timber Ridge Lift Station Reconstruction or Abandonment	\$100,000.00	2010	Pottawatomi Road Sewer Rehab	\$150,000.00	2010	Northshore Drive Lift Station Rehab	\$100,000.00	2010	
Project Description	Estimated Cost	Approximate Construction Year															
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Northshore Drive Lift Station Rehab	\$100,000.00	2010															

## 7. Financial Management General Comments:

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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:  
6/4/2010

Reporting Year: 2009

## 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> <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> <input checked="" type="radio"/> Yes (go to question 3)  <input type="radio"/> No (30 points) (go to question 4)                 </p>
3.	<p>Check the elements listed below that are included in your Operation and Maintenance (O&amp;M) or CMOM program.:</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <b>Goals:</b> Describe the specific goals you have for your collection system:                      I/I reduction, backup prevention, system cleaning and monitoring                 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <b>Organization:</b> Do you have the following written organizational elements (check only those that you have):                     <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Ownership and governing body description  <input checked="" type="checkbox"/> Organizational chart  <input checked="" type="checkbox"/> Personnel and position descriptions  <input checked="" type="checkbox"/> Internal communication procedures  <input checked="" type="checkbox"/> Public information and education program                     </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <b>Legal Authority:</b> Do you have the legal authority for the following (check only those that apply):                     <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Sewer use ordinance    Last Revised MM/DD/YYYY    <span style="border: 1px solid black; padding: 2px 10px;">10/05/2009</span>  <input type="checkbox"/> Pretreatment/Industrial control Programs  <input checked="" type="checkbox"/> Fat, Oil and Grease control  <input checked="" type="checkbox"/> Illicit discharges (commercial, industrial)  <input checked="" type="checkbox"/> Private property clear water (sump pumps, roof or foundation drains, etc)  <input checked="" type="checkbox"/> Private lateral inspections/repairs  <input type="checkbox"/> Service and management agreements                     </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <b>Maintenance Activities: details in Question 4</b> </div> <div style="border: 1px solid black; padding: 5px;"> <input checked="" type="checkbox"/> <b>Design and Performance Provisions:</b> How do you ensure that your sewer system is designed and constructed properly?                     <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> State plumbing code  <input checked="" type="checkbox"/> DNR NR 110 standards  <input checked="" type="checkbox"/> Local municipal code requirements  <input checked="" type="checkbox"/> Construction, inspection and testing  <input type="checkbox"/> Others:                     </div> </div>

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

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## Sanitary Sewer Collection Systems (Continued)

	<input checked="" type="checkbox"/>	<p><b>Overflow Emergency Response Plan:</b> Does your emergency response capability include (check only those that you have):</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Alarm system and routine testing</li> <li><input checked="" type="checkbox"/> Emergency equipment</li> <li><input checked="" type="checkbox"/> Emergency procedures</li> <li><input checked="" type="checkbox"/> Communications/Notifications (DNR, Internal, Public, Media etc)</li> </ul> <p><input checked="" type="checkbox"/> <b>Capacity Assurance:</b> How well do you know your sewer system? Do you have the following?</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Current and up-to-date sewer map</li> <li><input checked="" type="checkbox"/> Sewer system plans and specifications</li> <li><input checked="" type="checkbox"/> Manhole location map</li> <li><input checked="" type="checkbox"/> Lift station pump and wet well capacity information</li> <li><input checked="" type="checkbox"/> Lift station O&amp;M manuals</li> </ul> <p>Within your sewer system have you identified the following?</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Areas with flat sewers</li> <li><input checked="" type="checkbox"/> Areas with surcharging</li> <li><input type="checkbox"/> Areas with bottlenecks or constrictions</li> <li><input checked="" type="checkbox"/> Areas with chronic basement backups or SSO's</li> <li><input checked="" type="checkbox"/> Areas with excess debris, solids or grease accumulation</li> <li><input type="checkbox"/> Areas with heavy root growth</li> <li><input checked="" type="checkbox"/> Areas with excessive infiltration/inflow (I/I)</li> <li><input type="checkbox"/> Sewers with severe defects that affect flow capacity</li> <li><input checked="" type="checkbox"/> Adequacy of capacity for new connections</li> <li><input checked="" type="checkbox"/> Lift station capacity and/or pumping problems</li> </ul> <p><input checked="" 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 checked="" type="checkbox"/> <b>Special Studies Last Year (check only if applicable):</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Infiltration/Inflow (I/I) Analysis</li> <li><input type="checkbox"/> Sewer System Evaluation Survey (SSES)</li> <li><input type="checkbox"/> Sewer Evaluation and Capacity Management Plan (SECAP)</li> <li><input checked="" type="checkbox"/> Lift Station Evaluation Report</li> <li><input type="checkbox"/> Others:</li> </ul>	
4.	<p>Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained:</p>		
	<div style="display: flex; justify-content: space-between; align-items: center;"> <span>Cleaning</span> <div style="border: 1px solid black; width: 40px; text-align: center;">4</div> <span>% of system/year</span> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <span>Root Removal</span> <div style="border: 1px solid black; width: 40px; text-align: center;">3</div> <span>% of system/year</span> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <span>Flow Monitoring</span> <div style="border: 1px solid black; width: 40px; text-align: center;">1</div> <span>% of system/year</span> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <span>Smoke Testing</span> <div style="border: 1px solid black; width: 40px; text-align: center;">0</div> <span>% of system/year</span> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <span>Sewer Line Televising</span> <div style="border: 1px solid black; width: 40px; text-align: center;">3</div> <span>% of system/year</span> </div>		

# COMPLIANCE MAINTENANCE ANNUAL REPORT

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

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6/4/2010

**Reporting Year:** 2009

## Sanitary Sewer Collection Systems (Continued)

Manhole Inspections	<input style="width: 50px;" type="text" value="3"/>	% of system/year
Lift Station O&M	<input style="width: 50px;" type="text" value="210"/>	# per L.S./year
Manhole Rehabilitation	<input style="width: 50px;" type="text" value="2"/>	% of manholes rehabed
Mainline Rehabilitation	<input style="width: 50px;" type="text" value="2"/>	% of sewer lines rehabed
Private Sewer Inspections	<input style="width: 50px;" type="text" value="0"/>	% of system/year
Private Sewer I/I Removal	<input style="width: 50px;" type="text" value="0"/>	% of private services
<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:**

<input style="width: 80px;" type="text" value="33.83"/>	Total Actual Amount of Precipitation Last Year
<input style="width: 80px;" type="text" value="33.3"/>	Annual Average Precipitation (for your location)
<input style="width: 80px;" type="text" value="25"/>	Miles of Sanitary Sewer
<input style="width: 80px;" type="text" value="12"/>	Number of Lift Stations
<input style="width: 80px;" type="text" value="0"/>	Number of Lift Station Failure
<input style="width: 80px;" type="text" value="0"/>	Number of Sewer Pipe Failures
<input style="width: 80px;" type="text" value="0"/>	Number of Basement Backup Occurrences
<input style="width: 80px;" type="text" value="0"/>	Number of Complaints
<input style="width: 80px;" type="text" value="0.864"/>	Average Daily Flow in MGD
<input style="width: 80px;" type="text" value="35.1"/>	Peak Monthly Flow in MGD(if available)



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## Sanitary Sewer Collection Systems (Continued)

	Peak Hourly Flow in MGD(if available)	

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## Sanitary Sewer Collection Systems (Continued)

	NUMBER OF SANITARY SEWER OVERFLOWS (SSO) REPORTED (10 POINTS PER OCCURRENCE)	0								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Date</th> <th style="width: 40%;">Location</th> <th style="width: 30%;">Cause</th> <th style="width: 20%;">Estimated Volume (MG)</th> </tr> </thead> <tbody> <tr> <td colspan="4">NONE REPORTED</td> </tr> </tbody> </table>	Date	Location	Cause	Estimated Volume (MG)	NONE REPORTED				
Date	Location	Cause	Estimated Volume (MG)							
NONE REPORTED										
	Were there SSOs that occurred last year that are not listed above? <input type="radio"/> Yes <input checked="" type="radio"/> No If Yes, list the SSOs that occurred: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>									
	<b>PERFORMANCE INDICATORS</b>  <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">0.00</div> <div style="margin-left: 10px;">Lift Station Failures(failures/ps/year)</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">0.00</div> <div style="margin-left: 10px;">Sewer Pipe Failures(pipe failures/sewer mile/yr)</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">0.00</div> <div style="margin-left: 10px;">Sanitary Sewer Overflows (number/sewer mile/yr)</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">0.00</div> <div style="margin-left: 10px;">Basement Backups(number/sewer mile)</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">0.00</div> <div style="margin-left: 10px;">Complaints (number/sewer mile)</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">40.6</div> <div style="margin-left: 10px;">Peaking Factor Ratio (Peak Monthly:Annual Daily Average)</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 80px; text-align: center; padding: 2px;">0.0</div> <div style="margin-left: 10px;">Peaking Factor Ratio(Peak Hourly:Annual daily Average)</div> </div>									
6.	Was infiltration/inflow(I/I) significant in your community last year?  <input checked="" type="radio"/> Yes <input type="radio"/> No If Yes, please describe: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">High levels of I/I due to aging collection system components and high groundwater levels.</div>									
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 checked="" type="radio"/> Yes <input type="radio"/> No If Yes, please describe: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Excessive lift station run times, manholes surcharging above benches, etc.</div>									

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## Sanitary Sewer Collection Systems (Continued)

8.	Explain any infiltration/inflow(I/I) changes this year from previous years?	
	Sewer lining and mahhole reconstruction in Country Club Estates	
9.	What is being done to address infiltration/inflow in your collection system?	
	Sewer telvising is conducted on an annual basis to determine I/I problems. In addition home inspections are conducted to check for illegal connections such as sump pumps, gutters, and roof drains.	

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)

# COMPLIANCE MAINTENANCE ANNUAL REPORT

Facility Name: Fontana On Geneva Lake Village

Last Updated:

Reporting Year: 2009

## Resolution or Owner's Statement

NAME OF GOVERNING BODY OR OWNER	DATE OF RESOLUTION OR ACTION TAKEN
Village of Fontana Board of Trustees	6/7/2010
RESOLUTION NUMBER	
06-07-2010-1	
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):	
<b>Financial Management:</b> Grade=A	
<b>Collection Systems:</b> 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) <b>G.P.A. = 4.00</b>	

