

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

Serving the Public • Protecting the Environment

3-Party Consent Decree Status Report: Quarter No. 3 - 2005

Civil Action No. 1:00CV00183TFH Civil Action No. 02-2511 (TFH)

October 2005

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY Washington, D.C.

3-Party Consent Decree Status Report Quarter No. 3 - 2005

Table of Contents

- 1. INTRODUCTION
- 2. REQUIREMENTS DUE IN CURRENT QUARTER
- 3. REQUIREMENTS DUE NEXT QUARTER
- 4. REQUIREMENTS DUE AFTER NEXT QUARTER
- 5. ON-GOING REQUIREMENTS
- 6. REQUIREMENTS COMPLETED IN PRIOR QUARTERS

1. INTRODUCTION

The District of Columbia Water and Sewer Authority (WASA or Authority) entered into a Consent Decree (CD) with the U.S. Government and certain citizen plaintiffs to resolve allegations regarding the combined sewer system (CSS). The following consent decree was lodged with and entered by the court on June 25, 2003 and October 10, 2003, respectively:

United States District Court for the District of Columbia Civil Action No. 1:00CV00183TFH Civil Action No. 02-2511 (TFH) Consent Decree

The CD requires that WASA submit written status reports to the Environmental Protection Agency (EPA) and the citizen plaintiffs by the 28th day of the month following the end of each calendar quarter. The CD requires that the following be provided in each status report:

- The due dates and other terms that WASA is required to meet since the date of the last quarterly statement, whether and to what extent WASA has met these requirements, and the reasons for any noncompliance.
- A general description of the work completed within the three-month period, and a projection of work to be performed during the next three-month period.
- All other items as specified in Section V (Compliance Program and Schedules) of the CD including the status of the catch basin cleaning.

This report covers July through September 2005, which is Quarter No. 3 in 2005. Note that the CD requires posting certain information on WASA's web site, including the Combined Sewer System (CSS) Quarterly Reports. The web site addresses for these items are as follows:

- WASA's web site: www.dcwasa.com
- CSS Quarterly Reports on WASA's web site: http://www.dcwasa.com/education/css/publicinformation.cfm

2. REQUIREMENTS DUE IN CURRENT QUARTER

The following is a status report for requirements due in the current quarter:

	REQUIREMENTS DUE IN CURRENT QUARTER				
Reference	Requirement	Due Date	Status		
p. 15, V.12.e.(iii)	Potomac Pumping Station Award construction contract for rehabilitation	09/01/05	Completed early. Contract awarded to Ulliman Schutte Construction, LLC on March 14, 2005.		
p. 27, IX.25	Supplemental Environmental Project Report on SEP progress in Quarterly Reports to EPA	Quarterly, after EPA approves SEP	 Actions taken in prior calendar quarter: The SEP scope of work indicated that WASA would retain the Urban Forestry Administration (UFA) of the D.C Department of Transportation (DDOT) to perform the tree planting and construct the rain gardens. A memorandum of understanding (MOU) with DDOT specifying the roles and responsibilities of each party for implementation of the tree planting and rain gardens was executed in May 2005. WASA approved the purchase order for the work. Actions planned to be taken in the next quarter: Begin work on trees and rain gardens. Impediments which may delay project completion: None identified. Accounting of costs expended prior quarter: \$0.00 		

3. REQUIREMENTS DUE NEXT QUARTER

The following is a status report for requirements due in the next quarter.

	REQUIREMENTS DUE NEXT QUARTER					
Reference	Requirement	Due Date	Status			
p.17	Public Notification Requirements	12/31/05	Semi-Annual information pamphlets were provide to the			
V.13.b and	WASA shall provide information pamphlets		public; one distribution in April 2005 and another in			
p.22	on CSO location and activity		September 2005. This completes this requirements			
V.16.b	-					

4. REQUIREMENTS DUE AFTER NEXT QUARTER

The following are requirements due after next quarter. Only those activities which are not addressed in prior tables are included.

	REQUIREMENTS DUE AFTER NEXT QUARTER				
Reference	Requirement	Due Date	Status		
p. 12, V.10.e	Assurance of Conveyance Capacity Ensure collections system has capacity to convey 1076 mgd to Blue Plains	09/01/08	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.		
p. 13, V.12.b. (iv)	Main & O Pumping Stations Place in operation	05/01/08	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.		
p. 14, V.12.c.(iv)	East Side Pumping Station Place in operation	08/01/06	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.		
p. 15, V.12.e.(iv)	Potomac Pumping Station Place in operation	09/01/08	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.		
p. 16, V.12.f.(iii)	Improvements at Blue Plains – Grit Chambers 1&2 and Influent Screens Place in operation	07/31/07	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.		
p. 16, V.12.j.	Eastside Interceptor Cleaning Inspect the Eastside Interceptor and the lower section of the Northeast Boundary Sewer every five years and clean and repair as necessary.	07/26/06	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.		

	REQUIREMENTS DUE AFTER NEXT QUARTER					
Reference	Requirement	Due Date	Status			
p. 16, V.12.j.	Inspect the three 60-inch Anacostia Siphons Inspect siphons at least once every ten (10) years and clean and repair as necessary.	07/01/11	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.			
p. 23, V.16.b. (iii)I & (ii)	Public Notification – Notification lights Place in Operation	20 months after receipt of approvals	The NPS has reviewed the permit application and provided preliminary comments. NPS requires the Commission of Fine Arts (CFA) approval prior to issuing a permit. WASA is preparing final contract documents for submittal to NPS and CFA. The submittal to these agency will be completed by 12/31/05.			
p. 27, IX.24	Supplemental Environmental Project Place in Operation	04/07/07	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.			
p. 25, IX.27	Supplemental Environmental Project Operate and Maintain	For 5 yrs after placing in operation	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.			
p. 25, IX.28	Supplemental Environmental Project Submit SEP completion report	5 yrs after placing in operation	WASA is monitoring the activity associated with this requirement and based on the information currently available, expects to meet the deadline.			

5. ON-GOING REQUIREMENTS

The following is a status report for requirements that are performed at periodic intervals at an on-going basis.

ON-GOING ACTIVITIES					
Reference	Requirement	Due Date	Status		
p. 4,	Application and Scope	As required	Completed in Quarter No. 4, 2003. WASA will send additional		
II.3.	Provide a copy of the Consent Decree (CD) to		letters and copies of the CD to affected Project Design Engineers		
	any consultant or contractor selected to		(PDEs) as they are retained for other projects required by the CD.		
	perform any activity required by the CD.				

	ON-GOING ACTIVITIES				
Reference	Requirement	Due Date	Status		
p. 10, V.10.a.(iv)	Replace Inflatable Dams Operate and maintain all inflatable dams.	Ongoing after 04/01/04	Inspection and maintenance of the inflatable dams is performed monthly and is documented in the CSS Quarterly Report, Section 2.5, Table 2-11 which is available on WASA's web site. Wet weather operations are reported on Table 2-12. WASA made repairs to the controls of the inflatable dam at structure 52 during the reporting period.		
p. 10, V.10.b.(i) (a-e)(ii) (d.)(iv)	<u>Tide Gate Repair & Replacement</u> Operate and maintain all tide gates.	Ongoing after 10/10/03	Inspection and maintenance of the tide gates is performed monthly and is documented in the CSS Quarterly Report, Section 2.2, Table 2, which is available on WASA's web site.		
p. 12, V.11.	Pretreatment Maintain and update the current pretreatment program as required by the Clean Water Act, Pretreatment Regulations, and the NPDES Permit.	Ongoing after 10/10/03	The Pretreatment Program is being maintained and updated. The program produces annual reports and updates. The updated 2004 Pretreatment Program Annual Report was provided to EPA on May 17, 2005.		

	(ON-GOING AG	CTIVITIES		
Reference	Requirement	Due Date	Status		
p. 11, V.10.c.	Maximization of Storage in the Collection System – Catch Basins O Clean at least 85 % of the catch basins in CSS at least annually	Annually		vailable on WASA's w	VASA's CSS Quarterly web site. Calendar year
	o Inspect catch basins in CSO areas tributary to the Anacostia River at least two times per year and clean		Item Catch Basin in CSS	No of Catch Basins 10,871 (1)	% of Total
	such basins more frequently as indicated by the inspections.		Catch Basins in CSS Cleaned	11,395	>100 %
			Catch Basins in Anacostia CSS	5,954 (1)	
			Catch Basins in Anacostia CSS Inspected Once	5,064	85 %
			Catch Basins in Anacostia CSS Inspected Twice	4187	70 %
p. 13, V.12.a.(i) (ii)	Maximization of Flow to the POTW for Treatment Operate and maintain the collection system to maximize flow to Blue Plains and treat all flows conveyed to permit requirements.	Ongoing after 10/10/03	Plains within the const covered by this report, Treatment exceeded 5	ence of field crews. hance status of the colloported in Section 2 of ASA's web site. The been operated to maximal traints of the system. the maximum hourly 11 mgd, the rate estab	lection system and the CSS quarterly pumping stations and ximize the flow to Blue During the period rate to Complete

		ON-GOING AC	
Reference	Requirement	Due Date	Status
p. 12, V.12.b.(v)	Main and O Pumping Station Maintain a Firm Sanitary Pumping Capacities of 240 and 45 mgd, respectively.	Ongoing after rehab complete	This requirement takes effect after the rehabilitation is completed.
p. 14, V.12.c.(v)	East Side Pumping Station Maintain a Firm Sanitary Pumping Capacity of 45 mgd.	Ongoing after rehab complete	This requirement takes effect after the rehabilitation is completed.
p. 14, V.12.d.(iv)	Poplar Point Pumping Station Maintain a Firm Sanitary Pumping Capacity of 45 mgd.	Ongoing after 10/10/03	The number of pumps and screens available for service at Poplar Point Pumping Station is reported in Section 2 of the CSS Quarterly report, available at WASA's web site. The report shows that the station operated at firm capacity for the period covered by this report.
p. 15, V.12.e.(v)	Potomac Pumping Station Maintain a Firm Sanitary Pumping Capacity of 460 mgd.	Ongoing after rehab complete	This requirement takes effect after the rehabilitation is completed.
p. 17, V.13.b	 Facilitate Reports from Public of Dry Weather Overflows Include DWO information on water/sewer bill inserts. Staff and maintain phone line to receive reports on DWOs. 	Ongoing after 10/10/03	 DWO information is included on all water/sewer bill inserts for CSO program. Phone line and staff remain in operation to receive DWO reports.
p. 18, V.14.	Control of Solids and Floatable Material in CSOs Conduct visual wet weather surveys at outfalls 009 through 012 to assess the extent of floatables discharged.	Ongoing after 10/10/03	Visual surveys completed in the quarter are included in Section 5 of the CSS Quarterly Report, which is available on WASA's web site.
p. 18, V.15.	Pollution Prevention Programs Maintain the MS4 pollution prevention programs.	Ongoing after 10/10/03	The MS4 Pollution Prevention Program is being maintained and updated. The program produces annual reports. The annual report for 2005 has been completed.
p. 18, V.15.	Pollution Prevention Programs Continue to periodically educate the public about pollution prevention through its newsletters and web site.	Ongoing after 10/10/03	Information about pollution prevention is included on WASA website. Additional informational pamphlets were included in mailers in water/sewer bills in 2004/2005.

	(ON-GOING AC	TIVITIES
Reference	Requirement	Due Date	Status
p. 19, V.16.a.(i)	Public Notification – CSO Signs Conduct monthly inspections of CSO warning signs and replace, repair or clear obstructions as required.	Monthly	Inspection and replacement of signs is documented in Section 2 of the CSS Quarterly Reports, available on WASA's web site.
p. 21, V.16.b.	Public Notification – Web Site Maintain general info on CSOs, 12 most current CSS Quarterly Reports, and annual/quarterly CSO discharge volumes.	Ongoing after 10/10/03	This information is on WASA's web site, and it is updated regularly.
p. 22, V.16.b.(ii)	Public Notification – Information pamphlets/inserts Semi-annually, prepare an information pamphlet/insert containing CSO information and distribute in the water bills.	Twice per year	The first of two CSO informational pamphlets for 2005 was distributed in the April 2005 water bills. The second was distributed in the September 2005 water bills.
p. 22, V.16.b.(ii)	Public Notification – Information pamphlets/inserts Distribute CSO pamphlet/insert semi-annually to boat rental facilities, marinas, tackle shops, and other public locations along affected river segments.	Twice per year	The first of two CSO informational pamphlets for 2005 was mailed to local marinas April 1, 2005. The second was mailed to local marinas September 26,2005.
p. 24, V.17.a.	Monitoring Report CSO overflows at remote (SCADA-monitored) sites.	04/28/04	Information on CSO overflows reported at SCADA-monitored sites is included in Table 2-12 of the CSS Quarterly Reports, available on WASA's web site.
p. 25, VII.19.(a). (b).(c)	Reporting Submit quarterly consent decree status reports.	28 th day of month after end of each calendar quarter	WASA submitted its first Quarterly Report on January 27, 2004 for Quarter No. 4 in 2003 and has submitted a report for each calendar quarter since. This report satisfies the latest reporting requirement.

6. REQUIREMENTS COMPLETED IN PRIOR QUARTERS

The following summarizes completed requirements reported in prior quarters.

The following	The following summarizes completed requirements reported in prior quarters.					
REQUIREMENTS COMPLETED IN PRIOR QUARTERS						
Reference	Requirement	Due Date	Status			

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS				
Reference	Requirement	Due Date	Status		
p. 8, V.9.aj.	Proper Operation and Regular Maintenance Submit a written O&M program to EPA for review and comment but not approval.	06/30/04	Completed. Written O&M program submitted to EPA for review on 6/30/04.		
p. 10, V.10.a.(iii)	Replace Inflatable Dams Replace all twelve existing inflatable dams and place all replacement dams in operation.	03/31/04	Completed. All inflatable dams were in operation as of 03/29/04 under Contract 01-0080 issued to Corman Construction Inc.		
p. 10, V.10.b.(i) (a-e)(ii)(c.)	Tide Gate Repair & Replacement Repair or replace tide gates at five CSO structures and place in operation.	11/10/03	Completed. All tide gates were placed in operation as of 08/29/03 under Contract 02-0070, Job Number AX01.		
p. 11, V.10.d.	Amendments to Sewer System Regulations Recommend sewer regulation amendments to the D.C. Government to limit storm water inflow from any and all new construction and major renovations.	11/10/03	Completed. Three proposed code changes were submitted to the Council of the District of Columbia on October 22, 2003.		
p. 13, V.12.b. (iii)	Main & O Pumping Stations Award construction contract for rehabilitation	04/01/05	Completed early. Contract awarded to W.M. Schlosser Company, Inc. on February 23, 2005.		
p. 14, V.12.b.(ii)	Main & O Pumping Station Rehab Submit documents for required approvals to rehabilitate Main and O Street Pumping Stations to 240 and 45 mgd capacities.	03/01/04	Completed. Documents were submitted to DCRA and the Army Corps of Engineers by the deadline.		
p. 14, V.12.c.(ii)	East Side Pumping Station Submit documents for the required approvals for the rehabilitation of Eastside Pumping Station to achieve a pumping capacity of 45 mgd.	08/01/04	Completed. Construction contract awarded 06/04/04 to Ulliman Schutte Construction, LLC		
p. 15, V.12.d.(ii)	Poplar Point Pumping Station Submit pump test data to EPA demonstrating a pumping capacity of 45 mgd at Poplar Point Pumping Station.	11/10/03	Completed. Fedex picked up the test report on 11/06/03 and attempted delivery on 11/07/03. Because the CD omitted the name of a specific person for delivery, EPA refused to accept the package due to security procedures. Other delivery attempts were made on subsequent days, and confirmed delivery of the package occurred on 12/02/03.		
p. 15, V.12.e.	Potomac Pumping Station Rehab Submit documents for required approvals.	06/01/04	Completed. WASA submitted the Permit Application to DCRA on 5/21/04.		

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS				
Reference	Requirement	Due Date	Status		
p. 16, V.12.f.(i)	Improvements at Blue Plains – Grit Chambers 1&2 and Influent Screens Submit documents for required approvals to rehabilitate grit chamber buildings 1 and 2 and influent screening facilities.	10/20/03	Completed. Building Permit issued 10/12/01.		
p. 16, V.12.f.(ii)	Improvements at Blue Plains – Grit Chambers 1&2 and Influent Screens Award construction contracts to rehabilitate grit chamber buildings 1 and 2 and influent screening facilities.	07/31/03	Completed. Contract number 02-0130 awarded to W. M. Schlosser Co. Inc. on 07/17/03 for grit removal upgrades.		
p. 17, V.13.a. (i)-(iii)	System Modifications to Prevent DWOs Correct regulator and/or CSS deficiencies to address dry weather overflows at CSO outfalls 007, 027, 005, 020, 023, 015, 014, and 024 and place in operation.	12/31/03	Completed. This item consists of replacement of regulator structures to reduce the likelihood of DWOs at the specified outfalls. Following facilities placed in operation by 11/24/03 under Contract 01-0020 to Corman Construction: CSO 027 – Structure 43a, Potomac & water St NW CSO 005 – Structure 7, Railroad Ave & W St SE CSO 020 – Structure 34a, 23 rd St near C St NW CSO 014 – Structure 18, 6 th and M St. SE CSO 024 – Structure 38a, 30 th St south of K St NW Following Structures placed in operation by 12/19/03 under contract to C&F Construction CSO 007 – Structure 9, 13 th and Ridge SE CSO 015 – Structure 19 & 19a, 9 th and M St SE The following work was completed by WASA by prior to June 2003: CSO 023 – Rock Creek P.S., install level sensor to indicate risk of DWO		
p. 17,	Facilitate Reports from Public of DWOs	10/10/03	Completed. DWO information added to web site on 7/14/03.		
V.13.b.	Add DWO information to web site.				

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS						
Reference	Requirement	Due Date	Status				
p. 17, V.13.b.	Facilitate Reports from Public of DWOs Include DWO information in a pamphlet with the sewer bill.	Semi-annually	2004 – Completed. DWO information included in pamphlet in water/sewer bills mailed in August and December 2004. 2005 - Completed. DWO information included in pamphlet in water/sewer bills mailed in April and October 2005				
p. 17, V.13.b.	Facilitate Reports from Public of DWOs Maintain a Customer Service Hotline with staff trained to receive DWO reports.	10/10/03	Completed. Customer Service Hotline made operational, staff trained 07/24/03, 08/27/03 and 08/28/03.				
p. 18, V.13.c.(ii) (iii)	DWO Management Program Provide video cameras and training to inspection staff.	10/10/03	Completed. Three JVC digital camcorders were purchased and received on 09/07/00 and training provided for inspection staff on 09/26/00.				
p. 18, V.13.d.	Control of Construction Debris Improve coordination with the D.C. Department of Health and the D.C. Department of Consumer and Regulatory Affairs for erosion/sediment control.	10/10/03	Completed. Letter sent to the respective agencies on 07/18/03 seeking to improve coordination regarding control of construction debris and the prevention of its entry into the sewer system. The letter lists opportunities for improvement and better coordination and provides contact personnel and telephone numbers.				
p. 20, V.16.a. (ii)	Public Notification; CSO Signs – National Park Service Apply to the National Park Service (NPS) for a permit to install new CSO signs.	11/10/03	Completed. Made written application on 08/22/03 and written follow-up on 11/5/03 to Mr. John G. Parsons, Associate Regional Director, for NPS to install the signs. In their letter of 11/25/03, NPS denied approval for placement of new signs.				
p. 20, V.16.a.(iii)	CSO Signs – WASA Controlled Sites Install two new signs at WASA controlled CSO outfalls: 009-012 and one sign each at CSO outfalls 001 and 003.	04/07/04	Completed early. Signs installed 2/12/04.				
p. 21, V.16.a.(iv)	Public Notification; CSO Signs – National Zoo Apply to the National Zoo for a permit to install new CSO signs.	11/10/03	Completed. Made written application on 08/22/03 and written follow-up on 11/5/03 to Mr. Marc M. Mueller, National Zoological Park Resident Engineer, to install the signs. The Zoo approved placement of new signs in their letter of 12/13/03.				
p. 21, V.16.a.(iv)	Public Notification; CSO Signs – Navy Yard Apply to the Navy Yard for a permit to install new CSO signs.	11/10/03	Completed. Made written application on 08/22/03 and written follow-up on 11/5/03 to Mr. Thomas P. Lewis Chief, Environmental and Safety Division for the Navy Yard to install the signs. In their letter of 11/17/03, Navy Yard denied approval for placement of new signs.				

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS						
Reference	Requirement	Due Date	Status				
p. 21, V.16.a. (iv)	Public Notification; CSO Signs – Southeast Federal Center Apply to Southeast Federal Center for a permit to install new CSO sign.	11/10/03	Completed. Made written application on 09/04/03 to Mr. Steven Richard, Director, Service Delivery Support Division for SE Federal Center to install the sign. In their letter of 12/19/03, SE Federal Center denied approval for placement of new signs.				
p. 21, V.16.a.(iv)	CSO Signs – National Zoo Install new signs at CSO outfalls 041-045 after approval by National Zoo.	06/10/04	Completed early. Signs installed 4/12/04.				
pp. 21-22, V.16.b.(i) (a)-(g)	Public Notification – Web site Maintain accurate and up-to-date CSO information on the WASA web site as outlined in the CD.	10/10/03	Completed. Web site updated as outlined in the CD on 07/14/03.				
p. 22, V.16.b.(ii)	Public Notification – Information pamphlets/inserts Semi-annually, prepare an information pamphlet/insert containing CSO information and distribute in the water bills.	Twice per year	2004 – Completed. CSO informational pamphlet included in water/sewer bills mailed in August and December 2004. 2005 - Completed. CSO informational pamphlet included in water/sewer bills mailed in April and October 2005.				
p. 22, V.16.b.(ii)	Public Notification – Information pamphlets/inserts Distribute CSO pamphlet/insert semi-annually to boat rental facilities, marinas, tackle shops, and other public locations along affected river segments.	Twice per year	2005 - Completed. WASA mailed copies of CSO informational pamphlet to marinas, boat rental facilities, etc. in April and September 2005				
p. 23, V.16.b.(iii) (c)(i)	Public Notification - Notification lights Submit documents for required approvals to install and operate CSO warning lights on the Anacostia and Potomac Rivers.	12/31/03	Completed.				
p. 26, VIII.20.	Civil Penalty Pay a penalty of \$250,000 to the U. S. Department of Justice.	11/10/03	Completed. An electronic transfer of \$250,000 to the U.S. Department of Justice was performed on 11/10/03.				

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS						
Reference	Requirement	Due Date	Status				
p. 27,	Supplemental Environmental Projects (SEPs)	04/07/04	Completed. WASA submitted its proposed SEP on April 1,				
IX.2330.	Submit to EPA detailed scope of work and exact		2004. EPA provided comments in a May 18, 2004 letter and in				
	location of SEP.		a May 25, 2004 conference call. WASA submitted a revised				
			scope of work addressing EPA's comments on August 23, 2004.				
			WASA received EPA's written approval of the proposed SEP on				
			January 24, 2005.				
p. 30,	Citizen Community Project	11/10/03	Completed. An electronic transfer of \$300,000 to the				
X.31.	Pay the Chesapeake Bay Foundation \$300,000		Chesapeake Bay Foundation was performed on 11/10/03.				
	for the design, installation, and maintenance of						
	green roof demonstration projects.						