

Long Term Control Plan Consent Decree Status Report: Quarter No. 1 - 2018

Consolidated Civil Action No. 1:00CV00183TFH

April 2018

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

Long Term Control Plan Consent Decree Status Report Quarter No. 1 - 2018

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1. INTRODUCTION

The District of Columbia Water and Sewer Authority (DC Water or Authority) entered into a Consent Decree (CD) with the U.S. Government to establish a schedule for implementation of DC Water's Long Term Control Plan (LTCP). The CD was entered on March 23, 2005 in Consolidated Civil Action No. 1:00CV00183TFH by the United States District Court for the District of Columbia. On January 14, 2016, the Court entered the First Amendment to the CD (Amended CD) in Consolidated Civil Action No. 1:00CV00183TFH.

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

- The deadlines and other terms that DC Water is required to meet since the date of the last quarterly statement, whether and to what extent DC Water has met these requirements, and the reasons for any noncompliance.
- A statement tracking DC Water's progress against the detailed implementation schedules. This is to be completed after completion of facility planning for each receiving water.
- A general description of the work completed in the quarter, and a projection of work to be performed in the next quarter.

This report covers January through March 2018, which is Quarter No. 1 in 2018.

2. ITEMS REQUIRING GOVERNMENT ACTION

The following is a status report for items requiring government action this quarter:

	ITEMS REQUIRING GOVERNMENT ACTION				
Reference	Reference Requirement Deadline in CD/ Amended CD Calendar Deadline Status				
	None				

3. REQUIREMENTS DUE IN CURRENT QUARTER

The following is a status report for requirements due this quarter:

REQUIREMENTS DUE THIS QUARTER					
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status	
		Within 24 months of the		Negotiations between DC Water and the District are ongoing. We are working diligently to execute the MOU. At this point of time, these	
p.8, Appendix	Execute GI MOU between District of	effective date of the		negotiations have not impeded progress of DC	
F.III.A.1	Columbia and DC Water	Amended CD	January 14, 2018	Water's first two GI Projects (RC-A and PR-A).	
	Storage Conveyance Tunnel from Blue				
p.16, VI.A.16	Plains to CSO 019				
p.16, VI.A.16.c	Place in operation	March 23, 2018	March 23, 2018	Completed on March 20, 2018	
p.16, VI.A.17	Poplar Point Pumping Station				
p.16, VI.A.17.c	Place in operation	March 23, 2018	March 23, 2018	Completed on March 20, 2018	
	Piney Branch Diversion Structure				
p.21, VI.C.29	Improvements				
p.21, VI.C.29.b	Award contract for construction	March 23, 2018	March 23, 2018	Completed on March 20, 2018	
	Blue Plains Tunnel Dewatering Pumping				
	Station (TDPS) and Enhanced				
p.21, VI.D.30	Clarification Facility (ECF)				
p.21, VI.D.30.c	Place in operation	March 23, 2018	March 23, 2018	Completed on March 20, 2018	

4. REQUIREMENTS DUE NEXT QUARTER

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

	REQUIREMENTS DUE IN THE NEXT QUARTER					
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status		
p.21, VI.D.31	Public Notification					
p.21, VI.D.31	Install Visual Notification System for Blue Plains Tunnel	March 23, 2018	March 20, 2018	Completed on March 20, 2018		
p.16, VI.A.16	Storage Conveyance Tunnel from Blue Plains to CSO 019					
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018		
p.16, VI.A.17	Poplar Point Pumping Station					
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018		
p.21, VI.D.30	Blue Plains Tunnel Dewatering Pumping Station (TDPS) and Enhanced Clarification Facility (ECF)					
	Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018		

5. PROJECTION OF WORK TO BE PERFORMED NEXT QUARTER

Next quarter, DC Water anticipates working on the following items:

- Anacostia River Tunnel site work, punch list and close out activities.
- Main Pumping Station Diversions site work, punch list and close out activities.
- Poplar Point Pumping Station Replacement site work, punch list and close out activities.
- Blue Plains Tunnel Dewatering Pumping Station (TDPS) and Enhanced Clarification Facility (ECF) site work, punch list and close out activities.
- JBAB Overflow and Diversion Structures site work, punch list and close out activities.

- First Street Tunnel contract closeout activities.
- Advance Utility Relocations for Northeast Boundary Tunnel contract close out activities.
- Northeast Boundary Tunnel construction activities.
- Potomac River Tunnel Environmental Impact Statement development and facility planning.
- Green Infrastructure construction activities.

6. REQUIREMENTS DUE AFTER NEXT QUARTER

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

	Requirements Due After Next Quarter						
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status			
	Anacostia River Projects						
p.16, VI.A.18	Northeast Boundary Storage/Conveyance Tunnels						
p.16, VI.A.18.b	Award contract for construction	March 23, 2020	March 23, 2020	The authority awarded contracts that provide for construction on July 6, 2017.			
p.16, VI.A.18	Place in operation	March 23, 2025	March 23, 2025	DC Water is monitoring the deadlines and, based on the			
p.25, VIII.A.42.c	Submit certification to EPA	60 days after place in operation	May 22, 2025	information currently available, expects to meet these deadlines			
	Potomac River Projects						
p.18, VI.B.20	Submit Summary Report and Detailed Implementation Schedule for Potomac River Projects	December 31, 2018	December 31, 2018	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines			
p.18, VI.B.22	Potomac Storage Tunnel						
p.18, VI.B.22.a	Award contract for design	July 1, 2021	July 1, 2021				
p.18, VI.B.22.b p.18, VI.B.22.c	Award contract for construction Place in operation	September 30, 2023 March 23, 2030	September 30, 2023 March 23, 2030	DC Water is monitoring the deadlines and, based on the information currently available,			
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May, 22, 2030	expects to meet these deadlines			

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Requirements Due After Next Quarter					
	•	Deadline in CD/			
Reference	Requirement	Amended CD	Calendar Deadline	Status	
	CSO Outfall Separation for CSO				
p.19, VI.B.23	025 and CSO 026				
p.19, VI.B.23.a	Award contract for detailed design	March 23, 2019	March 23, 2019	DC Water is monitoring the	
p.19, VI.B.23.b	Award contract for construction	ward contract for construction March 23, 2021 March 23, 2021		deadlines and, based on the	
p.19, VI.B.23.c	Place in operation	March 23, 2023	March 23, 2023	information currently available,	
•	•	60 days after place in		expects to meet these deadlines	
p.25, VIII.A.42	Submit certification to EPA	operation	May 22, 2023		
p.19, VI.B.25	Green Infrastructure Program				
p.3, Appendix					
F.II.C.1	Potomac GI Project No. 1				
p.3, Appendix F.II.C.1(b)	Place in Operation of Project No. 1	June 23, 2019	June 23, 2019	DOW	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	August 22, 2019	DC Water is monitoring the deadlines and, based on the	
p.23, VIII.71.12	Submit Post Construction	No later than 15 months	11ugust 22, 2017	information currently available,	
p.3, Appendix F.II.C.5	Monitoring Report No. 1 (Potomac	following the place in operation date	September 23, 2020	expects to meet these deadlines	
Г.П.С.Э	Report No. 1)	180 days following			
p.3, Appendix	EPA approves or disapproves of	receipt of Potomac			
F.II.C.6	determination	Report No. 1	March 22, 2021		
p.3, Appendix F.II.C.2	D. CID. AND				
	Potomac GI Project No. 2 Submit Potomac GI Project No. 2	C			
p.2, Appendix F.II.A	description	6 months prior to award of construction	December 23, 2021		
p.3, Appendix	description	or construction	December 23, 2021	-	
F.II.C.2(a)	Award contract for construction	June 23, 2022	June 23, 2022		
p.3, Appendix				DC Water is monitoring the	
F.II.C.2(b)	Place in operation	June 23, 2024	June 23, 2024	deadlines and, based on the	
		60 days after place in		information currently available,	
p.25, VIII.A.42	Submit certification to EPA	operation	August 22, 2024	expects to meet these deadlines	
p.3, Appendix F.II.C.3	Potomac GI Project No. 3				
p.2, Appendix	Submit Potomac GI Project No. 3	6 months prior to award		DC Water is monitoring the	
F.II.A	description	of construction	December 23, 2024	deadlines and, based on the	

Requirements Due After Next Quarter					
	•	Deadline in CD/			
Reference	Requirement	Amended CD	Calendar Deadline	Status	
p.3, Appendix F.II.C.3(a)	Award contract for construction3	June 23, 2025	June 23, 2025	information currently available, expects to meet these deadlines	
p.3, Appendix F.II.C.3(b)	Place in operation	June 23, 2027	June 23, 2027		
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	August 22, 2027		
,	Rock Creek Projects	1	,		
p.21, VI.C.29	Piney Branch Diversion Structure Improvements				
p.21, VI.C.29.c	Place in operation	March 23, 2020	March 23, 2020	DC Water is monitoring the	
p.25, VIII.A.42 p.4, Appendix	Submit certification to EPA	60 days after place in operation	May 22, 2020	deadlines and, based on the information currently available, expects to meet these deadlines	
F.II.D.1	Rock Creek GI Project No. 1				
p.4, Appendix F.II.D.1(b)	Place in operation	March 30, 2019	March 30, 2019	DC Water is monitoring the	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 29, 2019	deadlines and, based on the information currently available,	
p.4, Appendix F.II.D.7	Submit Post Construction Monitoring Report No. 1 (Rock Creek Report No. 1)	No later than 15 months following the place in operation date	June 30, 2020	expects to meet these deadlines	
p.4, Appendix F.II.D.8	EPA approves or disapproves of determination	180 days following receipt of Rock Creek Report No. 1	December 27, 2020		
p.4, Appendix F.II.D.2	Rock Creek GI Project No. 2				
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 2 description	6 months prior to award of construction	July 23, 2021		
p.4, Appendix F.II.D.2(a)	Award contract for construction	January 23, 2022	January 23, 2022	DC Water is monitoring the deadlines and, based on the	
p.4, Appendix F.II.D.2(b)	Place in operation	January 23, 2024	January 23, 2024	information currently available, expects to meet these deadlines	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	March 22, 2024		

	Requirements Due After Next Quarter					
	•	Deadline in CD/				
Reference	Requirement	Amended CD	Calendar Deadline	Status		
p.4, Appendix F.II.D.3	Rock Creek GI Project No. 3					
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 3 description	6 months prior to award of construction	September 23, 2024			
p.4, Appendix F.II.D.3(a)	Award contract for construction	March 23, 2025	March 23, 2025	DC Water is monitoring the deadlines and, based on the		
p.4, Appendix F.II.D.3(b)	Place in operation	March 23, 2027	March 23, 2027	information currently available, expects to meet these deadlines		
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2027			
p.5, Appendix F.II.D.4	Rock Creek GI Project No. 4					
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 4 description	6 months prior to award of construction	March 30, 2027			
p.5, Appendix F.II.D.4(a)	Award contract for construction	September 30, 2027	September 30, 2027	DC Water is monitoring the deadlines and, based on the		
p.5, Appendix F.II.D.4(b)	Place in operation	September 30, 2029	September 30, 2029	information currently available, expects to meet these deadlines		
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	November 29, 2029			
p.5, Appendix F.II.D.5	Rock Creek GI Project No. 5					
p.2, Appendix F.II.A	Submit Rock Creek GI Project No 5 description	6 months prior to award of construction	September 23, 2027			
p.5, Appendix F.II.D.5(a)	Award contract for construction	March 23, 2028	March 23, 2028	DC Water is monitoring the deadlines and, based on the		
p.5, Appendix F.II.D.5(b)	Place in operation	March 23, 2030	March 23, 2030	information currently available, expects to meet these deadlines		
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2030			
	Other Requirements					
	General					

Requirements Due After Next Quarter					
	•	Deadline in CD/			
Reference	Requirement	Amended CD	Calendar Deadline	Status	
p.7, II.3	Provide copy of Consent Decree to consultants/contractors	As required	As required	DC Water will send copies of the Amended CD to consultants/ contractors as they are retained for projects required by the Amended CD	
p.21, VI.E.31	Public Notification				
	Submit plan with details	As part of facility plans for each receiving water	As part of facility plans for each receiving water	DC Water is monitoring the deadlines and, based on the	
	Place in operation	As part of associated construction project	As part of associated construction project	information currently available, expects to meet these deadlines	
p.25, IX	Low Impact Development Retrofit				
	Operate & maintain projects	5 yrs after place in operation	January 27, 2019	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines	
p.27.XI.52	Reporting	-			
, p.2	Submit quarterly status reports	Quarterly, 28th day of month following calendar quarter	Ongoing	DC Water prepares status reports quarterly in accordance with the consent decree.	
p.27.XI.53	Post reports on website	Quarterly	Quarterly	Reports are on DC Water's web site at https://www.dcwater.com/publications?field_document_type_tid=All&field_document_sub_type_tid=All&page=2 This report will be posted on DC Water's web site after submittal to EPA.	

7. REQUIREMENTS COMPLETED IN PRIOR QUARTERS The following is a summary of requirements completed in prior quarters:

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS				
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status	
p.15, VI.A.13	Anacostia Facility Plan			DC Water commenced work required under the Facility Plan on April 1, 2005. On September 18, 2008 DC Water submitted the Summary Report to EPA pursuant to section X of the 2005 Consent Decree (EPA Approval of the Plans and Submissions). EPA approved the Summary Report and detailed implementation schedule on July 10, 2010.	
p.25, VIII.A.42	Rehabilitation of Main, O Street, and Eastside Pumping Stations Submit Certification			DC Water certified that these projects have been completed pursuant to requirements of the partial Consent Decree.	
p.25, VIII.A.42	Fort Stanton Drainage Area (Outfall 006) Submit Certification			DC Water certified on April 1, 2010 that it had separated the combined sewer area tributary to CSO Outfall 006 on the east side of the Anacostia River, eliminating it as a CSO outfall.	
p.15, VI.A.16.a	Storage/Conveyance Tunnel from Blue Plains to CSO 019 Award contract for detailed design			Completed	
p.15, VI.A.16.b	Storage/Conveyance Tunnel from Blue Plains to CSO 019 Award contract for construction			Completed	
p.16, VI.A.17.a	Poplar Point Pumping Station Award contract for detailed design			Completed	
p.16, VI.A.17.b	Poplar Point Pumping Station Award contract for construction			Completed	
p.16, VI.A.18.a	Northeast Boundary Storage / Conveyance Tunnels Award contract for detailed design			Completed	
p.17, VI.A.19.a	M Street (CSO 016 and CSO 017) and CSO 018 Diversion Sewers Award contract for detailed design			Completed	

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS					
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status		
p.17, VI.A.19.b	M Street (CSO 016 and CSO 017) and CSO 018 Diversion Sewers Award contract for construction			Completed		
p.18, VI.B.20	Start Facility Plan for Potomac Storage Tunnel		January 1, 2017	Completed		
p.18, VI.B.21	Rehabilitation of Existing Potomac Pumping Station			DC Water completed design, fabrication, installation and testing of new pump impellers on October 14, 2013, achieving a firm sanitary pumping capacity of 460 mgd. A letter of certification was sent to EPA on October 21, 2013.		
p.19, VI.B.24	Environmental Impact Statement for Potomac River Storage Tunnel			DC Water has certified that it has awarded a contract for preparation of the Environmental Impact Statement ("EIS") required by the National Park Service for the Potomac River Storage Tunnel.		
p.20, VI.C.27.	Rock Creek CSO Outfall Separation Place in operation			Completed		
p.25, VIII.A.42	Rock Creek CSO Outfall Separation Submit certification to EPA	60 days after place in operation		Completed		
p.20, VI.C.28	Monitoring at CSO 033, 036, 047, 057 Start additional monitoring at Rock Creek CSO 033, 036, 047, 057 if req'd by EPA	60 days after notification by EPA	60 days after notification by EPA	In a letter dated November 23, 2005, EPA indicated that no additional monitoring was required.		
p.20, VI.C.28	Monitoring at CSOs 033, 036, 047, 057 Submit report with results of monitoring, selection of control alternative and schedule for design, award of construction contract and placing facilities in operation			Submitted to EPA May 19, 2006. DC Water received a letter from EPA on October 4, 2007 approving the proposed CSO controls for these CSOs.		
p.20, VI.C.28	Monitoring at CSOs 033, 036, 047, 057 Commence implementation of plan to address these CSOs	Within 90 days of EPA approval of plan		DC Water completed implementation by drafting scopes of work for detailed design of the required CSO controls.		
p.20, VI.C.28.a	Monitoring at CSOs 033, 036, 047, 057 Award contract for detailed design	-		Completed		
p.20, VI.C.28.b	Monitoring at CSOs 033, 036, 047, 057 Award contract for construction			Completed		

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS					
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status		
p.20, VI.C.28.c	Monitoring at CSOs 033, 036, 047, 057 Place in operation selected alternative			Completed		
p.25, VIII.A.42	Monitoring at CSOs 033, 036, 047, 057 Submit certification to EPA	60 days after place in operation	60 days after place in operation	Completed on August 22, 2013		
p.21, VI.C.29.a	Piney Branch Diversion Structure Improvements Award contract for detailed design Blue Plains Tunnel Dewatering Pumping			Completed on October 19, 2015		
p.21, VI.D.30.a	Station and (TDPS) and Enhanced Clarification Facility (ECF) Award contract for detailed design Blue Plains Tunnel Dewatering Pumping			Completed		
p.21, VI.D.30.b	Station and (TDPS) and Enhanced Clarification Facility (ECF) Award contract for construction			Completed		
p.26, IX.47	Low Impact Development (LID) Retrofit Monitoring projects	For 12 months after placing in operation	12 months after start of monitoring	Completed on March 10, 2016		
p.26. IX.47	Low Impact Development Retrofit Submit plan for LID at DC Water Facilities	2 years from entry of CD	March 23, 2007	Submitted to EPA March 23, 2007. DC Water received EPA's comments on the plan on October 10, 2007 and provided a response on November 14, 2007. DC Water received a letter from EPA on March 18, 2008 approving the plan for LID at DC Water facilities. DC Water submitted a revised plan for EPA approval in January 2010. DC Water received an approval letter on November 4-2010 from EPA R-III approving the revised LID plan.		
p.26. IX.47	Low Impact Development Retrofit Place in operation	6 yrs after EPA approval of plan	March 18,2014	Completed on January 27, 2014		

p.23, VII.37	Grant Funding Report source, amount, and timing of any appropriated grant funding to EPA	When DC Water learns it will be appropriated or received	When DC Water learns it will be appropriated or received	 \$6,930,000.00 was received from Congress for FY 2006 for the LTCP \$8,000,000 was appropriated to DC Water for the LTCP for FY2008 in the Consolidated Appropriations Act, 2008 P.L. 110-161 \$16,000,000 was appropriated to DC Water for implementation of the LTCP for FY2009, pursuant to the Omnibus Appropriations Act, 2009 P.L. 111-8 \$20,000,000 was appropriated to DC Water for implementation of the LTCP for FY2010, pursuant to the Consolidated Appropriations Act, 2010 Public Law 111-117 \$11,499,000 was appropriated to DC Water for implementation of the LTCP for FY2011, pursuant to the Department of Defense and Full –Year Appropriations Act, 2011 Public Law 112-10 \$15,000,000 was appropriated to DC Water for implementation of the LTCP for FY2012, pursuant to Appropriation Act, 2012 Public Law 112-74 \$14,200,000 appropriated to DC Water for implementation of the LTCP for FY2013, pursuant to Appropriation Act, 2013 Public Law 113-6 \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2014, pursuant to Appropriation Act, 2014 Public Law 113-76 \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2015, pursuant to Appropriation Act, 2015 Public Law 113-235 \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2016, pursuant to Appropriation Act, 2016 Public Law 114-113
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	REQUIREMENTS COMPLETED IN PRIOR QUARTERS							
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status				
	zeoqui onen			• \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2017, pursuant to Appropriation Act, 2017 Public Law No: 115-31				
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 1 description	6 months prior to award of construction	July 31, 2016	Completed				
p.1, Appendix		Within 12 months after the Effective Date of the First	14 2017					
F.I	Submit GI Program Plan	Amended CD	January 14, 2017 No deadline	Completed – Submitted on July 29, 2016				
p. 1, Appendix F. I	EPA reviews and approves Green Infrastructure Program Plan	No deadline provided in Amended CD	provided in Amended CD	Received EPA's letter, dated February 3, 2017, approving the GI Program Plan				
p.2, Appendix F.II.A	EPA reviews and provides comments, if any, on the project descriptions for Rock Creek GI Project No.1 and Potomac GI Project No. 1	No deadline provided in Amended CD	No deadline provided in Amended CD	Received EPA's letter, dated February 3, 2017, commenting that DC Water's project descriptions for both the Potomac and Rock Creek sewersheds meet the conditions of Appendix F				
p.3, Appendix F.II.C.1(a)	Award contract for construction of Potomac GI Project No. 1	June 23, 2017	June 23, 2017	Completed				
p.4, Appendix F.II.D.1(a)	Award contract for construction of Rock Creek GI Project No. 1	March 30, 2017	March 30, 2017	Completed				

8. PROGRESS REPORT ON ANACOSTIA RIVER PROJECTS

The Facility Plan for the Anacostia River Projects submitted on September 18, 2008 included a detailed implementation schedule. Per the consent decree, the quarterly consent decree status reports require a statement tracking DC Water's progress against the detailed implementation schedule. The decree indicates that the deadlines in the detailed implementation schedule serve to track and report progress and are not enforceable obligations of the consent decree. The statement tracking progress is provided below:

Contr. Div.	Description	Activity	Milestone for Tracking	Status
	Blue Plains Tunnel	Award contract for detailed design	March 23, 2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
A		Award contract for construction		The Authority awarded a contract on May 05, 2011 that provides for construction.

Contr. Div.	Description	Activity	Milestone for Tracking	Status
		Ready to be placed in operation	July 1, 2015	Construction was completed on December 28, 2015
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.

Contr.			Milestone for	
Div.	Description	Activity	Tracking	Status
	Tingey Street Diversion Sewer for CSO 013 and	Award contract for detailed design	October 1, 2010	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
В		Award contract for construction	October 1, 2012	The authority awarded a contract on January 31, 2012 that provides for construction.
	014	Ready to be placed in operation	October 1, 2014	Construction was completed on March 21, 2014.
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
	CCO 010 O Cl.	Award contract for detailed design	June 1, 2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
C	CSO 019 Overflow and Diversion Structures	Award contract for construction	March 1, 2011	The Authority awarded a contract on August 29, 2011 that provides for construction.
	Structures	Ready to be placed in operation	November 1, 2013	Construction was completed on August 26, 2013.
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
		Award contract for detailed design	October 1, 2013	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
D	JBAB Overflow and Diversion	Award contract for construction	July 1, 2015	The Authority awarded a contract on 9/25/2014 that provides for construction.
	Structures	Ready to be placed in operation	July 1, 2017	Placed in operation on March 20, 2018.
		Place in operation	March 23, -2018	Placed in operation on March 20, 2018.
	M Street Diversion Sewer for CSOs 015, 016, and 017	Award contract for detailed design	August 1, 2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
Е		Award contract for construction	May 1, 2011	The authority awarded a contract on March 30, 2012 that provides for construction.
		Ready to be placed in operation	November 1, 2013	Construction was completed on December 30, 2014.
		Place in operation	March 23, -2018	Placed in operation on March 20, 2018.
F	CSO 018 Diversion Sewer	Award contract for detailed design	April 1, 2010	The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below.
1		Award Contract for Construction	January 2, 2012	The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below.

Contr.			Milestone for	g, ,
Div.	Description	Activity	Tracking	Status
			I 1 1 2012	The Authority combined this Contract Division with Contract Division H
		Ready to be placed in operation	July 1, 2013	- Anacostia River Tunnel. See Contract Division H below.
		Place in operation	March 23, 2018	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
		Award contract for detailed design	April 1, 2010	The Authority combined CSO 005 work with Contract Division H – Anacostia River Tunnel. See Contract Division H below.
G	CSOs 005 and 007	Award contract for construction	January 2, 2012	The Authority combined CSO 005 work with Contract Division H – Anacostia River Tunnel. See Contract Division H below.
	Diversion Sewer	Ready to be placed in operation	July 1, 2013	The Authority combined CSO 005 work with Contract Division H – Anacostia River Tunnel. See Contract Division H below.
		Place in operation	March 23, 2018	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Award contract for detailed design	November 1, 2011	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
Н	Anacostia River Tunnel	Award contract for construction	November 1, 2013	The Authority awarded a contract on May 23, 2013 that provides for construction.
		Ready to be placed in operation	March 23, 2018	Placed in operation on March 20, 2018.
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
		Award contract for detailed design	January 2, 2013	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
I	Main Pumping Station Diversions	Award contract for construction	January 2, 2015	The Authority awarded a contract on May 22, 2014 that provides for construction.
		Ready to be placed in operation	December 31, 2017	Placed in operation on March 20, 2018.
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
		Award contract for detailed design	January 2, 2019	The Authority awarded contracts on October 1, 2013 that provide for detailed design.
J	Northeast	Award contract for construction	January 2, 2021	The authority awarded contract on July 10, 2017 that provides for construction.
J	Boundary Tunnel	Ready to be placed in operation	March 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Place in operation	March 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
K	Northeast Boundary Branch Tunnels	Award contract for detailed design	January 2, 2016	The Authority expanded this project and renamed it Contract Division P. The Authority awarded contracts on March 20, 2009 that provide for detailed design.

Contr.			Milestone for	
Div.	Description	Activity	Tracking	Status
				The Authority expanded this project and renamed it Contract Division P.
				The Authority awarded a contract on October 17, 2013 that provides for
		Award contract for construction	March 23, 2018	construction.
				The Authority expanded this project and renamed it Contract Division P.
				DC Water is monitoring the deadlines and, based on the information
		Ready to be placed in operation	July 1, 2022	currently available, expects to meet these deadlines.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	March 23, 2025	currently available, expects to meet these deadlines.
				The Authority combined this Contract Division with Contract Division J –
		Award contract for detailed design	March 23, 2014	Northeast Boundary Tunnel. See Contract Division J above.
	Northeast			The Authority combined this Contract Division with Contract Division J –
L	Boundary	Award contract for construction	March 23, 2016	Northeast Boundary Tunnel. See Contract Division J above.
L	Diversions			The Authority combined this Contract Division with Contract Division J –
	Diversions	Ready to be placed in operation	March 23, 2018	Northeast Boundary Tunnel. See Contract Division J above.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	March 23, 2025	currently available, expects to meet these deadlines.
				The Authority combined this Contract Division with Contract Division J –
		Award contract for detailed design	January 2, 2017	Northeast Boundary Tunnel. See Contract Division J above.
				The Authority combined this Contract Division with Contract Division J –
M	Mt. Olivet Road Diversions	Award contract for construction	January 2, 2019	Northeast Boundary Tunnel. See Contract Division J above.
171				The Authority combined this Contract Division with Contract Division J –
		Ready to be placed in operation	December 31, 2020	Northeast Boundary Tunnel. See Contract Division J above.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	March 23, 2025	currently available, expects to meet these deadlines.
	Blue Plains Tunnel Dewatering Pumping Station			The Authority awarded a contract on June 6, 2013 that provides for
		Award contract for detailed design	April 1, 2013	design-build services.
Y				The Authority awarded a contract on June 6, 2013 that provides for
1	and Enhanced	Award contract for construction	July 1, 2015	design-build services.
	Clarification Facility (ECF)	Ready to be placed in operation	December 31, 2017	Placed in operation on March 20, 2018.
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
	Northeast Boundary Tunnel Utility Relocations	•	,	The Authority awarded contracts on October 1, 2013 that provide for
U		Award contract for detailed design	January 2, 2019	detailed design.
		A 1		The Authority awarded a contract on May 17, 2016 that provides for
		Award contract for construction	January 2, 2021	construction.
		Ready to be placed in operation	March 23, 2025	Construction was completed on November 27, 2017.
	1	J F		1 '

Contr.			Milestone for	
Div.	Description	Activity	Tracking	Status
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	March 23, 2025	currently available, expects to meet these deadlines.
-	Poplar Point			M 120 2000 1
Z	Pumping Station		M 1 22 2012	The Authority awarded contracts on March 20, 2009 that provide for
	Replacement	Award contract for detailed design	March 23, 2012	detailed design.
		Award contract for construction	March 23, 2015	The Authority awarded a contract on December 4, 2014 that provides for
			· · · · · · · · · · · · · · · · · · ·	construction. Placed in operation on March 20, 2018.
		Ready to be placed in operation	March 23, 2018	-
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
	Potomac Storage		X 1 4 2024	DC Water is monitoring the deadlines and, based on the information
	Tunnel	Award contract for design	July 1, 2021	currently available, expects to meet these deadlines.
			g . 1 20 2022	DC Water is monitoring the deadlines and, based on the information
		Award contract for construction	September 30, 2023	currently available, expects to meet these deadlines.
		Diamain an anti-	Manal 22 2020	DC Water is monitoring the deadlines and, based on the information
DC A		Place in operation	March 23, 2030	currently available, expects to meet these deadlines.
RC-A	Rock Greek Project No. 1	Award contract for construction	March 30, 2017	The Authority awarded contract on January 5, 2017 that provide for construction
	NO. 1	Award contract for construction	Wiarcii 50, 2017	DC Water is monitoring the deadlines and, based on the information
		Place in operation	September 30, 2019	currently available, expects to meet these deadlines.
RC-C	Rock Creek Project	race in operation	September 30, 2017	DC Water is monitoring the deadlines and, based on the information
KC-C	No. 2	Award contract for construction	January 23, 2023	currently available, expects to meet these deadlines.
	110. 2	rward contract for construction	January 23, 2023	DC Water is monitoring the deadlines and, based on the information
		Place in operation	January 23, 2024	currently available, expects to meet these deadlines.
RC-D	Rock Creek Project	Timee in operation	variatify 23, 2021	DC Water is monitoring the deadlines and, based on the information
Ite B	No.3	Award contract for construction	March 23, 2025	currently available, expects to meet these deadlines.
			,	DC Water is monitoring the deadlines and, based on the information
		Place in operation	March 23, 2027	currently available, expects to meet these deadlines.
RC-E	Rock Creek Project	1	,	DC Water is monitoring the deadlines and, based on the information
	No. 4	Award contract for construction	September 30, 2027	currently available, expects to meet these deadlines.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	September 30, 2029	currently available, expects to meet these deadlines.
RC-F	Rock Creek Project			DC Water is monitoring the deadlines and, based on the information
	No. 5	Award contract for construction	March 23, 2028	currently available, expects to meet these deadlines.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	March 23, 2030	currently available, expects to meet these deadlines.

Contr.			Milestone for	
Div.	Description	Activity	Tracking	Status
PR-A	Potomac Project			The Authority awarded a contract on January 5, 2017 that provides for
	No. 1	Award contract for construction	June 23, 2017	construction
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	June 23, 2019	currently available, expects to meet these deadlines.
PR-C	Potomac Project			DC Water is monitoring the deadlines and, based on the information
	No. 2	Award contract for construction	June 23, 2022	currently available, expects to meet these deadlines.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	June 23, 2024	currently available, expects to meet these deadlines.
PR-D	Potomac Project			DC Water is monitoring the deadlines and, based on the information
	No. 3	Award contract for construction	June 23, 2025	currently available, expects to meet these deadlines.
				DC Water is monitoring the deadlines and, based on the information
		Place in operation	June 23, 2027	currently available, expects to meet these deadlines.