



**DISTRICT OF COLUMBIA  
WATER AND SEWER AUTHORITY**  
Serving the Public • Protecting the Environment

**Long Term Control Plan Consent Decree  
Status Report:  
Quarter No. 4 - 2019**

Consolidated Civil Action No. 1:00CV00183TFH

January 2020

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

*Long Term Control Plan Consent Decree Status Report  
Quarter No. 4 - 2020*

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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 28<sup>th</sup> 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 October through December 2019, which is Quarter No. 4 in 2019.

**2. ITEMS REQUIRING GOVERNMENT ACTION**

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

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

**3. REQUIREMENTS DUE IN CURRENT QUARTER**

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

<b>REQUIREMENTS DUE THIS QUARTER</b>				
<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
p.8, Appendix F.III.A.1	Execute GI MOU between District of Columbia and DC Water	Within 24 months of the effective date of the Amended CD	January 14, 2018	Negotiations between DC Water and the District are ongoing. We are working diligently to execute the MOU. At this point of time, these negotiations have not impeded progress of DC Water’s first two GI Projects (RC-A and PR-A).

**4. REQUIREMENTS DUE NEXT QUARTER**

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

<b>REQUIREMENTS DUE IN THE NEXT QUARTER</b>				
<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
	<b>None</b>			

**5. PROJECTION OF WORK TO BE PERFORMED NEXT QUARTER**

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

- Poplar Point Pumping Station Replacement – close out activities.
- Blue Plains Tunnel Dewatering Pumping Station (TDPS) and Enhanced Clarification Facility (ECF) - close out activities.
- JBAB Overflow and Diversion Structures – Close out activities.
- Northeast Boundary Tunnel – construction activities.
- Potomac River Tunnel - National Environmental Policy Act / National Historic Preservation Act compliance and third party coordination.
- Green Infrastructure – close out activities and post construction monitoring activities.
- CSO 025/026 Sewer Separation – design 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
<b>Anacostia River Projects</b>				
p.16, VI.A.18	<b>Northeast Boundary Storage/Conveyance Tunnels</b>			
p.16, VI.A.18	Place in operation	March 23, 2025	March 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.25, VIII.A.42.c	Submit certification to EPA	60 days after place in operation	May 22, 2025	
<b>Potomac River Projects</b>				
p.18, VI.B.22	<b>Potomac Storage Tunnel</b>			
p.18, VI.B.22.a	Award contract for design	July 1, 2021	July 1, 2021	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.18, VI.B.22.b	Award contract for construction	September 30, 2023	September 30, 2023	
p.18, VI.B.22.c	Place in operation	March 23, 2030	March 23, 2030	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May, 22, 2030	
p.19, VI.B.23	<b>CSO Outfall Separation for CSO 025 and CSO 026</b>			
p.19, VI.B.23.b	Award contract for construction	March 23, 2021	March 23, 2021	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.19, VI.B.23.c	Place in operation	March 23, 2023	March 23, 2023	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2023	
p.19, VI.B.25	<b>Green Infrastructure Program</b>			
p.3, Appendix F.II.C.1	<b>Potomac GI Project No. 1</b>			
p.3, Appendix F.II.C.5	Submit Post Construction Monitoring Report No. 1, including Determination of Practicality (Potomac Report No. 1)	No later than 15 months following the place in operation date	August 17, 2020	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines

Requirements Due After Next Quarter				
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status
p.3, Appendix F.II.C.6	EPA approves or disapproves of determination	180 days following receipt of Potomac Report No. 1	February 17, 2021	
p.3, Appendix F.II.C.2	<b>Potomac GI Project No. 2</b>			
p.2, Appendix F.II.A	Submit Potomac GI Project No. 2 description	6 months prior to award of construction	December 23, 2021	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.3, Appendix F.II.C.2(a)	Award contract for construction	June 23, 2022	June 23, 2022	
p.3, Appendix F.II.C.2(b)	Place in operation	June 23, 2024	June 23, 2024	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	August 22, 2024	
p.3, Appendix F.II.C.3	<b>Potomac GI Project No. 3</b>			
p.2, Appendix F.II.A	Submit Potomac GI Project No. 3 description	6 months prior to award of construction	December 23, 2024	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.3, Appendix F.II.C.3(a)	Award contract for construction	June 23, 2025	June 23, 2025	
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	
	<b>Rock Creek Projects</b>			
p.21, VI.C.29	<b>Piney Branch Diversion Structure Improvements</b>			
p.21, VI.C.29.c	Place in operation	March 23, 2020	March 23, 2020	Completed on May 7, 2018
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2020	Completed on May 24, 2018
p.4, Appendix F.II.D.1	<b>Rock Creek GI Project No. 1</b>			
p.4, Appendix F.II.D.7	Submit Post Construction Monitoring Report No. 1, including Determination of Practicality (Rock Creek Report No. 1)	No later than 15 months following the place in operation date	June 15, 2020	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines

Requirements Due After Next Quarter				
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status
p.4, Appendix F.II.D.8	EPA approves or disapproves of determination	180 days following receipt of Rock Creek Report No. 1	December 14, 2020	
p.4, Appendix F.II.D.2	<b>Rock Creek GI Project No. 2</b>			
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 2 description	6 months prior to award of construction	July 23, 2021	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.4, Appendix F.II.D.2(a)	Award contract for construction	January 23, 2022	January 23, 2022	
p.4, Appendix F.II.D.2(b)	Place in operation	January 23, 2024	January 23, 2024	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	March 22, 2024	
p.4, Appendix F.II.D.3	<b>Rock Creek GI Project No. 3</b>			
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 3 description	6 months prior to award of construction	September 23, 2024	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.4, Appendix F.II.D.3(a)	Award contract for construction	March 23, 2025	March 23, 2025	
p.4, Appendix F.II.D.3(b)	Place in operation	March 23, 2027	March 23, 2027	
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	<b>Rock Creek GI Project No. 4</b>			
p.2, Appendix F.II.A	Submit Rock Creek GI Project No. 4 description	6 months prior to award of construction	March 30, 2027	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.5, Appendix F.II.D.4(a)	Award contract for construction	September 30, 2027	September 30, 2027	
p.5, Appendix F.II.D.4(b)	Place in operation	September 30, 2029	September 30, 2029	
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	<b>Rock Creek GI Project No. 5</b>			



<b>Requirements Due After Next Quarter</b>				
<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
p.2, Appendix F.II.A	Submit Rock Creek GI Project No 5 description	6 months prior to award of construction	September 23, 2027	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines
p.5, Appendix F.II.D.5(a)	Award contract for construction	March 23, 2028	March 23, 2028	
p.5, Appendix F.II.D.5(b)	Place in operation	March 23, 2030	March 23, 2030	
p.25, VIII.A.42	Submit certification to EPA	60 days after place in operation	May 22, 2030	
<b>Other Requirements</b>				
<b>General</b>				
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	<b>Public Notification</b>			
	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 information currently available, expects to meet these deadlines
	Place in operation	As part of associated construction project	As part of associated construction project	
p.27.XI.52	<b>Reporting</b>			
	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 <a href="https://www.dewater.com/publications?field_document_type_tid=All&amp;field_document_sub_type_tid=All&amp;page=2">https://www.dewater.com/publications?field_document_type_tid=All&amp;field_document_sub_type_tid=All&amp;page=2</a> 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	<u>Anacostia Facility Plan</u>			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	<u>Rehabilitation of Main, O Street, and Eastside Pumping Stations</u> Submit Certification			DC Water certified that these projects have been completed pursuant to requirements of the partial Consent Decree.
p.25, VIII.A.42	<u>Fort Stanton Drainage Area (Outfall 006)</u> 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	<u>Storage/Conveyance Tunnel from Blue Plains to CSO 019</u> Award contract for detailed design			Completed
p.15, VI.A.16.b	<u>Storage/Conveyance Tunnel from Blue Plains to CSO 019</u> Award contract for construction			Completed
p.16, VI.A.16.c	<u>Storage/Conveyance Tunnel from Blue Plains to CSO 019</u> Place in operation	March 23, 2018	March 23, 2018	Completed on March 20, 2018
p.16, VI.A.17.a	<u>Poplar Point Pumping Station</u> Award contract for detailed design			Completed
p.16, VI.A.17.b	<u>Poplar Point Pumping Station</u> Award contract for construction			Completed
p.16, VI.A.17.c	<u>Poplar Point Pump Station</u> Place in operation	March 23, 2018	March 23, 2018	Completed on March 20, 2018
p.16, VI.A.18.a	<b>Northeast Boundary Storage / Conveyance Tunnels</b> Award contract for detailed design			Completed

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
p.16, VI.A.18.b	<u>Award contract for construction</u>	March 23, 2020	March 23, 2020	Completed on July 6, 2017
p.17, VI.A.19.a	<u>M Street (CSO 016 and CSO 017) and CSO 018 Diversion Sewers</u> Award contract for detailed design			Completed
p.17, VI.A.19.b	<u>M Street (CSO 016 and CSO 017) and CSO 018 Diversion Sewers</u> 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.20	<b>Potomac River Projects</b> Submit Summary Report and Detailed Implementation Schedule for Potomac River Projects	December 31, 2018	December 31, 2018	On December 17, 2018 DC Water submitted to EPA a Summary Report and Detailed Implementation Schedule for Potomac Tunnel to EPA. On March 5, 2019 EPA approved the Summary Report and Detailed Implementation Schedule
p.18, VI.B.21	<u>Rehabilitation of Existing Potomac Pumping Station</u>			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.23	<b>CSO Outfall Separation for CSO 025 and CSO 026</b> Award contract for detailed design	March 23, 2019	March 23, 2019	DC Water awarded contract for detailed design on October 1, 2018.
p.19, VI.B.24	<u>Environmental Impact Statement for Potomac River Storage Tunnel</u>			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.	<u>Rock Creek CSO Outfall Separation</u> Place in operation			Completed
p.25, VIII.A.42	<u>Rock Creek CSO Outfall Separation</u> Submit certification to EPA	60 days after place in operation		Completed

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
p.20, VI.C.28	<u>Monitoring at CSO 033, 036, 047, 057</u> 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	<u>Monitoring at CSOs 033, 036, 047, 057</u> 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	<u>Monitoring at CSOs 033, 036, 047, 057</u> 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	<u>Monitoring at CSOs 033, 036, 047, 057</u> Award contract for detailed design			Completed
p.20, VI.C.28.b	<u>Monitoring at CSOs 033, 036, 047, 057</u> Award contract for construction			Completed
p.20, VI.C.28.c	<u>Monitoring at CSOs 033, 036, 047, 057</u> Place in operation selected alternative			Completed
p.25, VIII.A.42	<u>Monitoring at CSOs 033, 036, 047, 057</u> 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	<b>Piney Branch Diversion Structure Improvements</b> Award contract for detailed design			Completed on October 19, 2015
p.21, VI.C.29.b	Award contract for construction	March 23, 2018	March 23, 2018	Completed on March 20, 2018
p.21, VI.D.30.a	<u>Blue Plains Tunnel Dewatering Pumping Station and (TDPS) and Enhanced Clarification Facility (ECF)</u> Award contract for detailed design			Completed
p.21, VI.D.30.b	<u>Blue Plains Tunnel Dewatering Pumping Station and (TDPS) and Enhanced Clarification Facility (ECF)</u> Award contract for construction			Completed
p.21, VI.D.30.c	<u>Blue Plains Tunnel Dewatering Pumping Station and (TDPS) and Enhanced Clarification Facility (ECF)</u> Place in operation	March 23, 2018	March 23, 2018	Completed on March 20, 2018

REQUIREMENTS COMPLETED IN PRIOR QUARTERS				
Reference	Requirement	Deadline in CD/ Amended CD	Calendar Deadline	Status
p.21, VI.D.31	<u>Public Notification</u> Install Visual Notification System for Blue Plains Tunnel	March 23, 2018	March 20, 2018	Completed on March 20, 2018
p.25, IX	<b>Low Impact Development Retrofit</b> Operate & maintain projects	5 yrs after place in operation	January 27, 2019	Completed. DC Water continues to operate and maintain the projects after the 5 year maintenance time frame specified in the Consent Decree
p.25, VIII.A.42	<b>Storage / Conveyance Tunnel from Blue Plains to CSO 019 Storage</b> Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018
p.25, VIII.A.42	<b>Poplar Point Pumping Station</b> Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018
P.25, VIII.A.42	<b>M Street (CSO 016 and CSO 017) and 018 Diversion Sewers</b> Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018
P.25, VIII.A.42	<b>Public Notification for Anacostia River</b> Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018
p.25, VIII.A.42	<b>Blue Plains Tunnel Dewatering Pumping Station (TDPS) and Enhanced Clarification Facility (ECF)</b> Submit certification to EPA	60 days after place in operation	May 22, 2018	Completed on March 20, 2018
p.25, VIII.A.42	<b>Rock Creek GI Project No. 1</b> Submit certification to EPA	60 days after place in operation	May 29, 2019	Completed on March 15, 2019
p.25, VIII.A.42	<b>Potomac GI Project No. 1</b> Submit certification to EPA	60 days after place in operation	August 22, 2019	Completed on May 17, 2019.
p.26, IX.47	<u>Low Impact Development (LID) Retrofit</u> Monitoring projects	For 12 months after placing in operation	12 months after start of monitoring	Completed on March 10, 2016

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
p.26. IX.47	<u>Low Impact Development Retrofit</u> 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	<u>Low Impact Development Retrofit</u> Place in operation	6 yrs after EPA approval of plan	March 18, 2014	Completed on January 27, 2014

<p>p.23, VII.37</p>	<p><u>Grant Funding</u> Report source, amount, and timing of any appropriated grant funding to EPA</p>	<p>When DC Water learns it will be appropriated or received</p>	<p>When DC Water learns it will be appropriated or received</p>	<ul style="list-style-type: none"> <li>• \$6,930,000.00 was received from Congress for FY 2006 for the LTCP</li> <li>• \$8,000,000 was appropriated to DC Water for the LTCP for FY2008 in the Consolidated Appropriations Act, 2008 P.L. 110-161</li> <li>• \$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</li> <li>• \$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</li> <li>• \$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</li> <li>• \$15,000,000 was appropriated to DC Water for implementation of the LTCP for FY2012, pursuant to Appropriation Act, 2012 Public Law 112-74</li> <li>• \$14,200,000 appropriated to DC Water for implementation of the LTCP for FY2013, pursuant to Appropriation Act, 2013 Public Law 113-6</li> <li>• \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2014, pursuant to Appropriation Act, 2014 Public Law 113-76</li> <li>• \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2015, pursuant to Appropriation Act, 2015 Public Law 113-235</li> <li>• \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2016, pursuant to Appropriation Act, 2016 Public Law 114-113</li> </ul>
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**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

<b>Reference</b>	<b>Requirement</b>	<b>Deadline in CD/ Amended CD</b>	<b>Calendar Deadline</b>	<b>Status</b>
				<ul style="list-style-type: none"> <li>• \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2017, pursuant to Appropriation Act, 2017 Public Law No: 115-31</li> <li>• \$14,000,000 appropriated to DC Water for the implementation of the LTCP for FY2018 pursuant to Appropriation Act, 2018 Public Law No.: 115-66</li> <li>• \$8,000,000 appropriated to DC Water for the implementation of the LTCP for FY2019 pursuant to Appropriation Act, 2019 Public Law No.: 116-6</li> </ul>
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 F.I	Submit GI Program Plan	Within 12 months after the Effective Date of the First Amended CD	January 14, 2017	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	No deadline 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.3, Appendix F.II.C.1(b)	<b>Potomac GI Project No. 1</b> Place in Operation of Project No. 1	June 23, 2019	June 23, 2019	Completed on May 17, 2019
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
p.4, Appendix F.II.D.1(b)	<b>Rock Creek GI Project No. 1</b> Place in operation	March 30, 2019	March 30, 2019	Completed on March 15, 2019



## 8. PROGRESS REPORT

The Facility Plans for the Anacostia River Projects and the Potomac Tunnel Projects were submitted on September 18, 2008 and March 5, 2019, respectively, and include detailed implementation schedules. The GI Program Plan was submitted on July 29, 2016. Per the consent decree, the quarterly consent decree status reports require a statement tracking DC Water’s progress against the detailed implementation schedules. The decree indicates that the deadlines in the detailed implementation schedules serve to track and report progress and are not enforceable obligations of the consent decree. The statement tracking progress is provided below:

<b>Contr. Div.</b>	<b>Description</b>	<b>Activity</b>	<b>Milestone for Tracking</b>	<b>Status</b>
A	Blue Plains Tunnel	Award contract for detailed design	March 23, 2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		Award contract for construction	May 1, 2011	The Authority awarded a contract on May 05, 2011 that provides for construction.
		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.
B	Tingey Street Diversion Sewer for CSO 013 and 014	Award contract for detailed design	October 1, 2010	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		Award contract for construction	October 1, 2012	The authority awarded a contract on January 31, 2012 that provides for construction.
		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.
C	CSO 019 Overflow and Diversion Structures	Award contract for detailed design	June 1, 2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		Award contract for construction	March 1, 2011	The Authority awarded a contract on August 29, 2011 that provides for construction.
		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.
D	JBAB Overflow and Diversion Structures	Award contract for detailed design	October 1, 2013	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		Award contract for construction	July 1, 2015	The Authority awarded a contract on 9/25/2014 that provides for construction.
		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.
E		Award contract for detailed design	August 1, 2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.

<b>Contr. Div.</b>	<b>Description</b>	<b>Activity</b>	<b>Milestone for Tracking</b>	<b>Status</b>
	M Street Diversion Sewer for CSOs 015, 016, and 017	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.
		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.
		Ready to be placed in operation	July 1, 2013	The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below.
		Place in operation	March 23, 2018	Placed in operation on March 20, 2018.
G	CSOs 005 and 007 Diversion Sewer	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.
		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.
		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	Placed in operation on March 20, 2018.
H	Anacostia River Tunnel	Award contract for detailed design	November 1, 2011	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		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.
I	Main Pumping Station Diversions	Award contract for detailed design	January 2, 2013	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		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.

<b>Contr. Div.</b>	<b>Description</b>	<b>Activity</b>	<b>Milestone for Tracking</b>	<b>Status</b>
J	Northeast Boundary Tunnel	Award contract for detailed design	January 2, 2019	The Authority awarded contracts on October 1, 2013 that provide for detailed design.
		Award contract for construction	January 2, 2021	The authority awarded contract on July 10, 2017 that provides for construction.
		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.
		Award contract for construction	March 23, 2018	The Authority expanded this project and renamed it Contract Division P. The Authority awarded a contract on October 17, 2013 that provides for construction.
		Ready to be placed in operation	July 1, 2022	The Authority expanded this project and renamed it Contract Division P. 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.
L	Northeast Boundary Diversions	Award contract for detailed design	March 23, 2014	The Authority combined this Contract Division with Contract Division J – Northeast Boundary Tunnel. See Contract Division J above.
		Award contract for construction	March 23, 2016	The Authority combined this Contract Division with Contract Division J – Northeast Boundary Tunnel. See Contract Division J above.
		Ready to be placed in operation	March 23, 2018	The Authority combined this Contract Division with Contract Division J – Northeast Boundary Tunnel. See Contract Division J above.
		Place in operation	March 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
M	Mt. Olivet Road Diversions	Award contract for detailed design	January 2, 2017	The Authority combined this Contract Division with Contract Division J – Northeast Boundary Tunnel. See Contract Division J above.
		Award contract for construction	January 2, 2019	The Authority combined this Contract Division with Contract Division J – Northeast Boundary Tunnel. See Contract Division J above.
		Ready to be placed in operation	December 31, 2020	The Authority combined this Contract Division with Contract Division J – Northeast Boundary Tunnel. See Contract Division J above.
		Place in operation	March 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
Y	Blue Plains Tunnel Dewatering	Award contract for detailed design	April 1, 2013	The Authority awarded a contract on June 6, 2013 that provides for design-build services.

<b>Contr. Div.</b>	<b>Description</b>	<b>Activity</b>	<b>Milestone for Tracking</b>	<b>Status</b>
	Pumping Station and Enhanced Clarification Facility (ECF)	Award contract for construction	July 1, 2015	The Authority awarded a contract on June 6, 2013 that provides for design-build services.
		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.
U	Northeast Boundary Tunnel Utility Relocations	Award contract for detailed design	January 2, 2019	The Authority awarded contracts on October 1, 2013 that provide for detailed design.
		Award contract for construction	January 2, 2021	The Authority awarded a contract on May 17, 2016 that provides for construction.
		Ready to be placed in operation	March 23, 2025	Construction was completed on November 27, 2017.
		Place in operation	March 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
Z	Poplar Point Pumping Station Replacement	Award contract for detailed design	March 23, 2012	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
		Award contract for construction	March 23, 2015	The Authority awarded a contract on December 4, 2014 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.
	Potomac Storage Tunnel	Award contract for design	July 1, 2021	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Award contract for construction	September 30, 2023	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Place in operation	March 23, 2030	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
RC-A	Rock Creek Project No. 1	Award contract for construction	March 30, 2017	The Authority awarded contract on January 5, 2017 that provide for construction
		Place in operation	September 30, 2019	Placed in operation on March 15, 2019.
RC-C	Rock Creek Project No. 2	Award contract for construction	January 23, 2023	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Place in operation	January 23, 2024	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
RC-D	Rock Creek Project No.3	Award contract for construction	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, 2027	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
RC-E	Rock Creek Project No. 4	Award contract for construction	September 30, 2027	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.

<b>Contr. Div.</b>	<b>Description</b>	<b>Activity</b>	<b>Milestone for Tracking</b>	<b>Status</b>
		Place in operation	September 30, 2029	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
RC-F	Rock Creek Project No. 5	Award contract for construction	March 23, 2028	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Place in operation	March 23, 2030	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
PR-A	Potomac Project No. 1	Award contract for construction	June 23, 2017	The Authority awarded a contract on January 5, 2017 that provides for construction
		Place in operation	June 23, 2019	Placed in operation on May 17, 2019.
PR-C	Potomac Project No. 2	Award contract for construction	June 23, 2022	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Place in operation	June 23, 2024	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
PR-D	Potomac Project No. 3	Award contract for construction	June 23, 2025	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.
		Place in operation	June 23, 2027	DC Water is monitoring the deadlines and, based on the information currently available, expects to meet these deadlines.

## 9. GREEN INFRASTRUCTURE DATA SUMMARY

### 1. Acres of Impervious Areas Treated by GI and Sewer Separation

<b>Project</b>	<b>CSO 027</b>	<b>CSO 028</b>	<b>CSO 029</b>	<b>CSO 049</b>
Potomac Project No. 1			75.5	N/A
Potomac Project No. 2				N/A
Potomac Project No. 3				N/A
Total Potomac			75.5	N/A
Rock Creek Project No. 1	N/A	N/A	N/A	24
Rock Creek Project No. 2	N/A	N/A	N/A	
Rock Creek Project No. 3	N/A	N/A	N/A	
Rock Creek Project No. 4	N/A	N/A	N/A	
Rock Creek Project No. 5	N/A	N/A	N/A	
Total Rock Creek	N/A	N/A	N/A	24

Acres of Impervious areas treated by GI in the table above are derived from design data and will be updated once the as built data is compiled

2. Acres of GI Installed pursuant to District’s MS4 permit and Storm Water Regulations

<b>Project</b>	<b>CSO 027</b>	<b>CSO 028</b>	<b>CSO 029</b>	<b>CSO 049</b>
Acres of GI Installed pursuant to Districts MS4 permit and Storm Water Regulations since Effective Date of Decree	0	0	2.7	1.5
MS4 acres credited pursuant to Section II.C of Appendix F of Decree	0	0	0	0

3. Activities to Coordinate Capital Projects

DC Water has coordinated with the District Department of Transportation (DDOT) to incorporate green infrastructure on capital projects including the reconstruction of Kennedy Street NW, and AlleyPalooza, DDOT’s Alley reconstruction program.