



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

**Long Term Control Plan Consent Decree  
Status Report:  
Quarter No. 3 - 2014**

Consolidated Civil Action No. 1:00CV00183TFH

October 2014

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

*Long Term Control Plan Consent Decree Status Report  
Quarter No. 3 - 2014*

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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 by the court on March 23, 2005 in Consolidated Civil Action No. 1:CV00183TFH by the United States District Court for the District of Columbia.

The 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 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 July through September 2014, which is Quarter No. 3 in 2014.

**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</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</b> | <b>Calendar Deadline</b> | <b>Status</b> |
|                                      | None               |                       |                          |               |

#### 4. REQUIREMENTS DUE NEXT QUARTER

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

| REQUIREMENTS DUE NEXT QUARTER |             |                |                   |        |
|-------------------------------|-------------|----------------|-------------------|--------|
| Reference                     | Requirement | Deadline in CD | Calendar Deadline | Status |
|                               | None        |                |                   |        |

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

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

- Blue Plains Tunnel – construction activities.
- Anacostia River Tunnel - construction activities.
- CSOs 015/016/017 Diversions and Structures – construction activities.
- Main Pumping Station Diversions – construction activities.
- Poplar Point Pumping Station – procurement and permitting activities.
- JBAB Overflow and Diversion Structures – construction activities.
- First Street Tunnel – construction activities.
- Northeast Boundary Tunnel – planning, geotechnical investigations along with third party coordination.
- Potomac Tunnel - developing Environmental Impact Statement.

**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.

| <b>Requirements Due After Next Quarter</b> |   |                                  |                          |  |
|--|---|----------------------------------|--------------------------|--|
| <b>Reference</b>                           | <b>Requirement</b>                                    | <b>Deadline in CD</b>            | <b>Calendar Deadline</b> | <b>Status</b>  |
|  | <b>Anacostia River Projects</b>                       |                                  |                          |  |
| p.12, VI.A.12.                             | <b>Fort Stanton Interceptor</b>                       |                                  |                          |  |
|  | Award contract for construction                       | 11 years from entry              | 23-Mar-2016              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Place in operation                                    | 13 years from entry              | 23-Mar-2018              |  |
|  | Submit certification to EPA                           | 60 days after place in operation | 22-May-2018              |  |
| p.13, VI.A.13.                             | <b>Tunnel From Poplar Point to Northeast Boundary</b> |                                  |                          |  |
|  | Place in operation                                    | 13 years from entry              | 23-Mar-2018              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Submit certification to EPA                           | 60 days after place in operation | 22-May-2018              |  |
| p.13, VI.A.14.                             | <b>Poplar Point Pumping Station</b>                   |                                  |                          |  |
|  | Award contract for construction                       | 10 years from entry              | 23-Mar-2015              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Place in operation                                    | 13 years from entry              | 23-Mar-2018              |  |
|  | Submit certification to EPA                           | 60 days after place in operation | 22-May-2018              |  |
| p.14, VI.A.15.                             | <b>Tunnel Parallel to Northeast Boundary Sewer</b>    |                                  |                          |  |
|  | Award contract for construction                       | 13 years from entry              | 23-Mar-2018              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Place in operation                                    | 20 years from entry              | 23-Mar-2025              |  |
|  | Submit certification to EPA                           | 60 days after place in operation | 22-May-2025              |  |

| <b>Requirements Due After Next Quarter</b> |  |                                  |                          |  |
|--|--|----------------------------------|--------------------------|--|
| <b>Reference</b>                           | <b>Requirement</b>                                       | <b>Deadline in CD</b>            | <b>Calendar Deadline</b> | <b>Status</b>  |
| p.15, VI.A.16.                             | <b>NEB Side Tunnels</b>                                  |                                  |                          |  |
|  | Award contract for detailed design                       | 14 years from entry              | 23-Mar-2019              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Award contract for construction                          | 17 years from entry              | 23-Mar-2022              |  |
|  | Place in operation                                       | 20 years from entry              | 23-Mar-2025              |  |
|  | Submit certification to EPA                              | 60 days after place in operation | 22-May-2025              |  |
| p.15, VI.A.17.                             | <b>Anacostia Outfall Consolidation</b>                   |                                  |                          |  |
|  | Award contract for construction                          | 11 years from entry              | 23-Mar-2016              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Place in operation                                       | 13 years from entry              | 23-Mar-2018              |  |
|  | Submit certification to EPA                              | 60 days after place in operation | 22-May-2018              |  |
|  | <b>Potomac River Projects</b>                            |                                  |                          |  |
| p.16, VI.B.18.                             | <b>Potomac Facility Plan</b>                             |                                  |                          |  |
|  | Start Potomac Facility Plan                              | 10 years from entry              | 23-Mar-2015              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Submit summary report & detailed implementation schedule | 13 years from entry              | 23-Mar-2018              |  |
| p.16, VI.B.20.                             | <b>Potomac Tunnel Dewatering Pumping Station</b>         |                                  |                          |  |
|  | Award contract for detailed design                       | 15 years from entry              | 23-Mar-2020              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Award contract for construction                          | 18 years from entry              | 23-Mar-2023              |  |
|  | Place in operation                                       | 20 years from entry              | 23-Mar-2025              |  |
|  | Submit certification to EPA                              | 60 days after place in operation | 22-May-2025              |  |
| p.17, VI.B.21.                             | <b>Potomac Storage Tunnel</b>                            |                                  |                          |  |
|  | Award contract for detailed design                       | 13 years from entry              | 23-Mar-2018              | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|  | Award contract for construction                          | 16 years from entry              | 23-Mar-2021              |  |
|  | Place in operation                                       | 20 years from entry              | 23-Mar-2025              |  |
|  | Submit certification to EPA                              | 60 days after place in operation | 22-May-2025              |  |

| Requirements Due After Next Quarter |  |                                  |                   |   |
|-------------------------------------|--|----------------------------------|-------------------|---|
| Reference                           | Requirement  | Deadline in CD                   | Calendar Deadline | Status  |
| p.18, VI.B.22.                      | <b>Potomac Outfall Consolidation</b>                     |                                  |                   |   |
|                                     | Award contract for detailed design                       | 13 years from entry              | 23-Mar-2018       | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines              |
|                                     | Award contract for construction                          | 16 years from entry              | 23-Mar-2021       |   |
|                                     | Place in operation                                       | 20 years from entry              | 23-Mar-2025       |   |
|                                     | Submit certification to EPA                              | 60 days after place in operation | 22-May-2025       |   |
|                                     | <b>Rock Creek Projects</b>                               |                                  |                   |   |
| p.18, VI.C.23.                      | <b>Rock Creek Facility Plan</b>                          |                                  |                   |   |
|                                     | Start Rock Creek Facility Plan                           | 11 years from entry              | 23-Mar-2016       | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines              |
|                                     | Submit summary report & detailed implementation schedule | 14 years from entry              | 23-Mar-2019       |   |
| p.20, VI.C.28.                      | <b>Piney Branch Storage Tunnel</b>                       |                                  |                   |   |
|                                     | Award contract for detailed design                       | 14 years from entry              | 23-Mar-2019       | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines              |
|                                     | Award contract for construction                          | 17 years from entry              | 23-Mar-2022       |   |
|                                     | Place in operation                                       | 20 years from entry              | 23-Mar-2025       |   |
|                                     | Submit certification to EPA                              | 60 days after place in operation | 22-May-2025       |   |
|                                     | <b>Blue Plains Projects</b>                              |                                  |                   |   |
| p.21, VI.D.29.                      | <b>Blue Plains Excess Flow Improvements</b>              |                                  |                   |   |
|                                     | Place in operation                                       | 11 years from entry              | 23-Mar-2016       | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines <sup>1</sup> |
|                                     | Submit certification to EPA                              | 60 days after place in operation | 22-May-2016       |   |

<sup>1</sup> As a result of a new nitrogen limit added to DC Water's NPDES Permit in 2007, DC Water prepared the Total Nitrogen/Wet Weather Plan. This plan proposed replacing the excess flow treatment facility with a new enhanced clarification facility. EPA and DOJ agreed to not enforce this requirement pending a consent decree modification.

| Requirements Due After Next Quarter |  |   |  |  |
|-------------------------------------|--|---|--|--|
| Reference                           | Requirement  | Deadline in CD  | Calendar Deadline                                  | Status   |
|                                     | <b>Other Requirements</b>  |   |  |  |
| p.6, II.3.                          | <b>General</b>   |   |  |  |
|                                     | Copy of decree to consultants/contractors  | As required   | As required  | DC Water will send copies of the CD to consultants/contractors as they are retained for projects required by the CD    |
| p.22. VI.E.30.                      | <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. IX.                           | <b>Low Impact Development Retrofit</b>   |   |  |  |
|                                     | Monitoring LID Projects  | For 12 months after placed in operation   | 12 months after start of monitoring                | DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines |
|                                     | Operate & maintain projects  | 5 yrs after place in operation  | 27-Jan-2019  |  |
|                                     | Review results and determine if Potomac or Rock Creek tunnel size can be reduced | As part of Pot & RC facility plan   | As part of Pot & RC facility plan                  |  |
| p.29.XI                             | <b>Reporting</b>   |   |  |  |
|                                     | Submit quarterly status reports  | Quarterly, 28th day of month after calendar quarter   | Ongoing  | DC Water prepares status reports quarterly in accordance with the consent decree.                                      |
|                                     | Post reports on website  | Quarterly   | Quarterly  |  |
|                                     |  | Reports are on DC Water's web site at <a href="http://www.DC Water.com/education/css/css_reports.cfm">http://www.DC Water.com/education/css/css_reports.cfm</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                   | Calendar Deadline | Status  |
| p.11, VI.A.9. and p. 28, X.47            | EPA approval of Anacostia River Projects Facility Plan Summary Report and Detailed Implementation Schedule submitted per p.11, VI.A.9. | -                                | -                 | Submitted 18-Sept-2008. On 27-April-2009 EPA responded with a list of questions. On 15-May-2009 DC Water provided responses to these questions. On 29-July-2009 EPA provided a second set of questions. On 03-Sept.-2009 DC Water responded. On 17-March-2010 EPA provided a third set of comments; however, these were duplicates of prior comments. On April 27 and May 25, 2010, EPA provided a fourth set of comments. On June 23, 2010, DC Water provided a response. On July 27, 2010, EPA approved the Anacostia River Projects Facility Plan. |
| p.11, VI.A.9.                            | <u>Anacostia Facility Plan</u><br>Start Anacostia Facility Plan  | 6 months from entry              | 23-Sep-2005       | Completed. DC Water initiated the Anacostia Facility Plan on April 4, 2005. Notice to proceed to consultant issued September 22, 2005.  |
| p.11, VI.A.9.                            | <u>Anacostia Facility Plan</u><br>Submit summary report & detailed implementation schedule   | 3 yrs 6 months from entry        | 23-Sep-2008       | Submitted 18-Sept-2008  |
| p.12, VI.A.11.                           | <u>Separate Fort Stanton</u><br>Award contract for detailed design   | 1 year from entry                | 23-Mar-2006       | Completed ahead of schedule. Contract awarded March 3, 2006 to Black & Veatch under Agreement No. DCFA #389-WSA, Task Order No. 8.  |
| p.12, VI.A.11.                           | <u>Separate Fort Stanton</u><br>Award contract for construction  | 3 years from entry               | 23-Mar-2008       | Completed. Contract awarded February 19, 2008 to Sagres Construction Corporation.   |
| p.12, VI.A.11.                           | <u>Separate Fort Stanton</u><br>Place in operation   | 5 years from entry               | 23-Mar-2010       | Placed in operation on 17-Mar-2010  |
| P.12, VI.A.11                            | <u>Separate Fort Stanton</u><br>Submit Certification to EPA  | 60 days after place in operation | 16-May-2010       | Submitted 1-April-2010  |

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

| <b>Reference</b>  | <b>Requirement</b>  | <b>Deadline in CD</b>             | <b>Calendar Deadline</b>          | <b>Status</b>  |
|-------------------|---|-----------------------------------|-----------------------------------|--|
| p.12,<br>VI.A.12. | <u>Fort Stanton Interceptor</u><br>Award contract for detailed design   | 8 years from entry                | 23-Mar-2013                       | The Authority awarded contracts on March 20, 2009 that provided for detailed design.   |
| p.13,<br>VI.A.13. | <u>Tunnel From Poplar Point to Northeast Boundary</u><br>Award contract for detailed design                                     | 4 years from entry                | 23-Mar-2009                       | Completed. The Authority awarded contracts on March 20, 2009 to Greeley and Hansen and Jacobs Underground that provide for detailed design.  |
| p.13,<br>VI.A.13. | <u>Tunnel From Poplar Point to Northeast Boundary</u><br>Award contract for construction  | 7 years from entry                | 23-Mar-2012                       | The LTCP Consent Decree is in the process of being amended to incorporate the Total Nitrogen/Wet Weather Plan, which is LTCP Supplement #1. In accordance with the agreement between the parties, DC Water is proceeding as if the agreed-upon amendments to the Decree are in effect. This deadline has been superseded by the agreed-upon amendments to the Decree and will not be enforced. |
| p.13,<br>VI.A.14. | <u>Poplar Point Pumping Station</u><br>Award contract for detailed design   | 7 years from entry                | 23-Mar-2012                       | The authority awarded a contract on January 31, 2012 that provides for detailed design.  |
| p.14,<br>VI.A.15  | <u>Tunnel parallel to Northeast Boundary Sewer</u><br>Award contract for detailed design  | 10 years from entry               | 23-Mar-2015                       | The authority awarded a contract on October 1, 2013 that provides for detailed design.   |
| p.15,<br>VI.A.17. | <u>Anacostia Outfall Consolidation</u><br>Award contract for detailed design  | 8 years from entry                | 23-Mar-2013                       | The Authority provided contracts on November 6, 2010 that provided for detailed design.  |
| p.19,<br>VI.C.24. | <u>Rock Creek CSO Outfall Separation</u><br>Place in operation  | 6 years from entry                | 23-Mar-2011                       | Completed ahead of schedule. DC Water submitted an individual Construction Project Certification letter to EPA on March 21, 2011.  |
| p.19,<br>VI.C.24. | Rock Creek CSO Outfall Separation<br>Submit certification to EPA  | 60 days after place in operation  | 22-May-2011                       | Completed  |
| p.19,<br>VI.C.25  | <u>Monitoring at CSO 033, 036, 047, 057</u><br>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.   |

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

| <b>Reference</b>  | <b>Requirement</b>   | <b>Deadline in CD</b>   | <b>Calendar Deadline</b>            | <b>Status</b>  |
|-------------------|--|---|-------------------------------------|--|
| p.20,<br>VI.C.27. | <u>Monitoring at CSOs 033, 036, 047, 057</u><br>Submit report with results of monitoring ,<br>selection of control alternative and schedule<br>for design, award of construction contract<br>and placing facilities in operation | 6 mos after notification by<br>EPA that monitoring is<br>approved | 23-May-2006                         | Submitted to EPA May 19, 2006. DC WATER<br>received a letter from EPA on October 4, 2007<br>approving the proposed CSO controls for these<br>CSOs. |
| p.20,<br>VI.C.27. | <u>Monitoring at CSOs 033, 036, 047, 057</u><br>Commence implementation of plan to<br>address these CSOs   | Within 90 days of EPA<br>approval of plan                         | 02-Jan-2008                         | DC Water completed implementation by drafting<br>scopes of work for detailed design of the<br>required CSO controls.                               |
| p.20,<br>VI.C.27. | <u>Monitoring at CSOs 033, 036, 047, 057</u><br>Award contract for detailed design   | 1 year after EPA approval   | 04-Oct-2008                         | Task order executed with Black & Veatch on 22-<br>Sept-2008.   |
| p.20,<br>VI.C.27. | <u>Monitoring at CSOs 033, 036, 047, 057</u><br>Award contract for construction  | 2.5 years after award of<br>design contract                       | 22-Mar 2011                         | Completed. DC Water awarded contract for<br>construction on March 18, 2011.  |
| p.20,<br>VI.C.27  | <u>Monitoring at CSOs 033, 036, 047, 057</u><br>Place in operation selected alternative  | 6 years after EPA approval<br>of plan                             | 01-Oct-2013                         | Completed on 7/26/2013   |
| p.20,<br>VI.C.27  | <u>Monitoring at CSOs 033, 036, 047, 057</u><br>Submit certification to EPA  | 60 days after place in<br>operation                               | 60 days after place<br>in operation | Completed on 8/22/2013   |
| p.21.<br>VI.D.29. | <u>Blue Plains Excess Flow Improvements</u><br>Award contract for construction   | 7 years from entry  | 23-Mar-2012                         | Per letter dated March 11, 2009, United States<br>will stay this provision pending negotiation of<br>other binding requirements to replace it.     |

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

| Reference    | Requirement  | Deadline in CD   | Calendar Deadline  | Status   |
|--------------|--|--|--|--|
| p.25. VII.37 | <p><u>Grant Funding</u><br/>Report source, amount, timing to EPA</p> | When DC Water learns it will be appropriated or received | When DC Water learns it will be appropriated or received | <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, Public Law 113-6</li> <li>• \$14,000,000 appropriated to DC Water for implementation of the LTCP for FY2014, pursuant to Appropriation Act, Public Law 113-76</li> </ul> |

**REQUIREMENTS COMPLETED IN PRIOR QUARTERS**

| <b>Reference</b> | <b>Requirement</b>   | <b>Deadline in CD</b>            | <b>Calendar Deadline</b> | <b>Status</b>  |
|------------------|--|----------------------------------|--------------------------|--|
| p.27. IX.45      | <u>Low Impact Development Retrofit</u><br>Submit plan for LID at DC Water Facilities | 2 years from entry               | 23-Mar-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 4-Nov-2010 from EPA R-III approving the revised LID Plan. |
| p.27. IX.45      | <u>Low Impact Development Retrofit</u><br>Place in operation                         | 6 yrs after EPA approval of plan | 18-Mar-2014              | Completed on 1/27/2014   |

## 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 are required to include 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:

| <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 | 23-Mar-2009                   | The Authority awarded contracts on March 20, 2009 that provide for detailed design. |
|                    |   | Award Contract for Construction    | 1-May-2011                    | The Authority awarded a contract on May 05, 2011 that provides for construction.    |
|                    |   | Ready to be Placed in Operation    | 1-Jul-2015                    | (1)   |
|                    |   | Place in Operation                 | 23-Mar-2018                   | (1)   |
| B                  | Tingey Street Diversion Sewer for CSO 013 and 014   | Award Contract for Detailed Design | 1-Oct-2010                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design. |
|                    |   | Award Contract for Construction    | 1-Oct-2012                    | The authority awarded contract on January 31, 2012 that provide for construction.   |
|                    |   | Ready to be Placed in Operation    | 1-Oct-2014                    | Construction was completed on March 21, 2014.                                       |
|                    |   | Place in Operation                 | 23-Mar-2018                   | (1)   |
| C                  | CSO 019 Overflow and Diversion Structures           | Award Contract for Detailed Design | 1-Jun-2009                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design. |
|                    |   | Award Contract for Construction    | 1-Mar-2011                    | The Authority awarded a contract on August 29, 2011 that provides for construction. |
|                    |   | Ready to be Placed in Operation    | 1-Nov-2013                    | Construction was completed on August 26, 2013.                                      |
|                    |   | Place in Operation                 | 23-Mar-2018                   | (1)   |
| D                  | JBAB Overflow and Diversion Structures              | Award Contract for Detailed Design | 1-Oct-2013                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design. |
|                    |   | Award Contract for Construction    | 1-Jul-2015                    | (1)   |
|                    |   | Ready to be Placed in Operation    | 1-Jul-2017                    | (1)   |
|                    |   | Place in Operation                 | 23-Mar-2018                   | (1)   |
| E                  | M Street Diversion Sewer for CSOs 015, 016, and 017 | Award Contract for Detailed Design | 1-Aug-2009                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design. |
|                    |   | Award Contract for Construction    | 1-May-2011                    | The authority awarded a contract on March 30, 2012 that provides for construction   |

| <b>Contr. Div.</b> | <b>Description</b>               | <b>Activity</b>                    | <b>Milestone for Tracking</b> | <b>Status</b>   |
|--------------------|----------------------------------|------------------------------------|-------------------------------|---|
|                    |                                  | Ready to be Placed in Operation    | 1-Nov-2013                    | (1)   |
|                    |                                  | Place in Operation                 | 23-Mar-2018                   | (1)   |
| F                  | CSO 018 Diversion Sewer          | Award Contract for Detailed Design | 1-Apr-2010                    | The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below. |
|                    |                                  | Award Contract for Construction    | 2-Jan-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    | 1-Jul-2013                    | The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below. |
|                    |                                  | Place in Operation                 | 23-Mar-2018                   | (1)   |
| G                  | CSOs 005 and 007 Diversion Sewer | Award Contract for Detailed Design | 1-April-2010                  | The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below. |
|                    |                                  | Award Contract for Construction    | 2-Jan-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    | 1-Jul-2013                    | The Authority combined this Contract Division with Contract Division H – Anacostia River Tunnel. See Contract Division H below. |
|                    |                                  | Place in Operation                 | 23-Mar-2018                   | (1)   |
| H                  | Anacostia River Tunnel           | Award Contract for Detailed Design | 1-Nov-2011                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design.   |
|                    |                                  | Award Contract for Construction    | 1-Nov-2013                    | The Authority awarded contract on May 23, 2013 that provides for construction.  |
|                    |                                  | Ready to be Placed in Operation    | 23-Mar-2018                   | (1)   |
|                    |                                  | Place in Operation                 | 23-Mar-2018                   | (1)   |
| I                  | Main Pumping Station Diversions  | Award Contract for Detailed Design | 2-Jan-2013                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design.   |
|                    |                                  | Award Contract for Construction    | 2-Jan-2015                    | The Authority awarded contract on May 22, 2014 that provides for construction.  |
|                    |                                  | Ready to be Placed in Operation    | 31-Dec-2017                   | (1)   |
|                    |                                  | Place in Operation                 | 23-Mar-2018                   | (1)   |
| J                  | Northeast Boundary Tunnel        | Award Contract for Detailed Design | 2-Jan-2019                    | The Authority awarded contracts on March 20, 2009 that provide for detailed design.   |
|                    |                                  | Award Contract for Construction    | 2-Jan-2021                    | (1)   |
|                    |                                  | Ready to be Placed in Operation    | 23-Mar-2025                   | (1)   |
|                    |                                  | Place in Operation                 | 23-Mar-2025                   | (1)   |

| <b>Contr. Div.</b> | <b>Description</b>  | <b>Activity</b>                    | <b>Milestone for Tracking</b> | <b>Status</b>   |
|--------------------|---|------------------------------------|-------------------------------|---|
| K                  | Northeast Boundary Branch Tunnels   | Award Contract for Detailed Design | 2-Jan-2016                    | The Authority expanded this project and renamed it Contract Division P<br>The Authority awarded contracts on March 20, 2009 that provide for detailed design. |
|                    |   | Award Contract for Construction    | 23-Mar-2018                   | The Authority expanded this project and renamed it Contract Division P<br>The Authority awarded contract on October 17, 2013 that provides for construction.  |
|                    |   | Ready to be Placed in Operation    | 1-Jul-2022                    | The Authority expanded this project and renamed it Contract Division P<br>(1)   |
|                    |   | Place in Operation                 | 23-Mar-2025                   | (1)   |
| L                  | Northeast Boundary Diversions   | Award Contract for Detailed Design | 23-Mar-2014                   | The Authority combined this Contract Division with Contract Division J –<br>Northeast Boundary Tunnel. See Contract Division J above.                         |
|                    |   | Award Contract for Construction    | 23-Mar-2016                   | The Authority combined this Contract Division with Contract Division J –<br>Northeast Boundary Tunnel. See Contract Division J above.                         |
|                    |   | Ready to be Placed in Operation    | 23-Mar-2018                   | The Authority combined this Contract Division with Contract Division J –<br>Northeast Boundary Tunnel. See Contract Division J above.                         |
|                    |   | Place in Operation                 | 23-Mar-2025                   | (1)   |
| M                  | Mt. Olivet Road Diversions  | Award Contract for Detailed Design | 2-Jan-2017                    | The Authority combined this Contract Division with Contract Division J –<br>Northeast Boundary Tunnel. See Contract Division J above.                         |
|                    |   | Award Contract for Construction    | 2-Jan-2019                    | The Authority combined this Contract Division with Contract Division J –<br>Northeast Boundary Tunnel. See Contract Division J above.                         |
|                    |   | Ready to be Placed in Operation    | 31-Dec-2020                   | The Authority combined this Contract Division with Contract Division J –<br>Northeast Boundary Tunnel. See Contract Division J above.                         |
|                    |   | Place in Operation                 | 23-Mar-2025                   | (1)   |
| Y                  | Blue Plains Tunnel Dewatering Pumping Station and Enhanced Clarification Facility (ECF) | Award Contract for Detailed Design | 1-Apr-2013                    | The Authority awarded a contract on June 6, 2013 that provides for design-build services.   |
|                    |   | Award Contract for Construction    | 1-Jul-2015                    | The Authority awarded a contract on June 6, 2013 that provides for design-build services.   |
|                    |   | Ready to be Placed in Operation    | 31-Dec-2017                   | (1)   |
|                    |   | Place in Operation                 | 23-Mar-2018                   | (1)   |
| Z                  | Poplar Point Pumping Station Replacement  | Award Contract for Detailed Design | 23-Mar-2012                   | The Authority awarded contracts on March 20, 2009 that provide for detailed design.   |
|                    |   | Award Contract for Construction    | 23-Mar-2015                   | (1)   |
|                    |   | Ready to be Placed in Operation    | 23-Mar-2018                   | (1)   |
|                    |   | Place in Operation                 | 23-Mar-2018                   | (1)   |

Notes:

1. DC Water is monitoring the deadlines and based on the information currently available, expects to meet these deadlines