

# Long Term Control Plan Consent Decree Status Report: Quarter No. 1 - 2014

Consolidated Civil Action No. 1:00CV00183TFH

April 2014

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

### Long Term Control Plan Consent Decree Status Report Quarter No. 1 - 2014

#### **Table of Contents**

- 1. INTRODUCTION
- 2. ITEMS REQUIRING GOVERNMENT ACTION
- 3. REQUIREMENTS DUE IN CURRENT QUARTER
- 4. REQUIREMENTS DUE NEXT QUARTER
- 5. PROJECTION OF WORK TO BE PERFORMED NEXT QUARTER
- 6. REQUIREMENTS DUE AFTER NEXT QUARTER
- 7. REQUIREMENTS COMPLETED IN PRIOR QUARTERS
- 8. PROGRESS REPORT ON ANACOSTIA RIVER PROJECTS

#### 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 January through March 2014, which is Quarter No. 1 in 2014.

# 2. ITEMS REQUIRING GOVERNMENT ACTION

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

	ITEMS REQUIRING GOVERNMENT ACTION				
Reference	Requirement	Deadline in 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				
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Reference	Requirement	Deadline in CD	Calendar Deadline	Status	
p.27, IX.	Low Impact Development Retrofit				
		6 yrs after EPA approval of			
	Place in operation	plan	18-Mar-2014	Completed on 1/27/2014	

#### 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	Dedumie in CD		Section

#### 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 Pump Station Diversions procurement and permitting activities.
- Poplar Point Pump Station procurement and permitting activities.
- JBAB Overflow and Diversion Structures procurement activities.
- 1<sup>st</sup> Street Tunnel construction activities.
- Northeast Boundary Tunnel planning, geotechnical investigations along with third parties coordination.
- Developing Environmental Impact Statement for Potomac Tunnel.

# 6. REQUIREMENTS DUE AFTER NEXT QUARTER

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

	Requirements Due After Next Quarter					
Reference	Requirement	Deadline in CD	Calendar Deadline	Status		
	Anacostia River Projects					
p.12, VI.A.12.	Fort Stanton Interceptor					
	Award contract for construction	11 years from entry	23-Mar-2016	DC WATED is monitoring the deadlines and based		
	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		
	Submit certification to EPA	60 days after place in operation	22-May-2018	meet these deadlines		
	<b>Tunnel From Poplar Point to</b>	P	.,,			
p.13, VI.A.13.	Northeast Boundary					
	Place in operation	13 years from entry	23-Mar-2018	DC WATER is monitoring the deadlines and based		
	Submit certification to EPA	60 days after place in operation	22-May-2018	on the information currently available, expects to meet these deadlines		
p.13, VI.A.14.	Poplar Point Pumping Station	1	,			
,	Award contract for construction	10 years from entry	23-Mar-2015			
	Place in operation	13 years from entry	23-Mar-2018	DC WATER is monitoring the deadlines and based		
	Submit certification to EPA	60 days after place in operation	22-May-2018	on the information currently available, expects to meet these deadlines		
p.14, VI.A.15.	Tunnel Parallel to Northeast Boundary Sewer					
	Award contract for detailed design	10 years from entry	23-Mar-2015			
	Award contract for detailed design  Award contract for construction	13 years from entry	23-Mar-2018	DC WATER is monitoring the deadlines and based		
	Place in operation	20 years from entry	23-Mar-2025	on the information currently available, expects to		
	•	60 days after place in		meet these deadlines		
	Submit certification to EPA	operation	22-May-2025			
p.15, VI.A.16.	NEB Side Tunnels					
	Award contract for detailed design	14 years from entry	23-Mar-2019			

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

		Requirements Due Af	ter Next Quarter	
Reference	Requirement	Deadline in CD	Calendar Deadline	Status
	Rock Creek Projects			
p.18, VI.C.23.	Rock Creek Facility Plan			
	Start Rock Creek Facility Plan	11 years from entry	23-Mar-2016	
	Submit summary report & detailed implementation schedule	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
p.20, VI.C.28.	Piney Branch Storage Tunnel			
	Award contract for detailed design	14 years from entry	23-Mar-2019	
	Award contract for construction	17 years from entry	23-Mar-2022	DC WATER is monitoring the deadlines and based
	Place in operation	20 years from entry	23-Mar-2025	on the information currently available, expects to meet these deadlines
	Submit certification to EPA	60 days after place in operation	22-May-2025	meet these deadmes
	Blue Plains Projects		· ·	
p.21. VI.D.29.	Blue Plains Excess Flow Improvements			
	Place in operation	11 years from entry	23-Mar-2016	DC WATER is monitoring the deadlines and based
	Submit certification to EPA	60 days after place in operation	22-May-2016	on the information currently available, expects to meet these deadlines <sup>1</sup>
	Other Requirements			
p.6, II.3.	General			
	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>			

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<sup>&</sup>lt;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 greed to not enforce this requirement pending a consent decree modification.

	Requirements Due After Next Quarter					
Reference	Requirement	Deadline in CD	Calendar Deadline	Status		
	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		
	Place in operation	As part of associated construction project	As part of associated construction project	on the information currently available, expects to meet these deadlines		
p.27. IX.	Low Impact Development Retrofit					
	Monitoring LID Projects	12 months after place in operation	27-Jan-2015			
	Operate & maintain projects	5 yrs after place in operation	27-Jan-2019	DC WATER is monitoring the deadlines and based on the information currently available, expects to		
	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	meet these deadlines		
p.29.XI	Reporting		, i			
	Submit quarterly status reports	Quarterly, 28th day of month after calendar quarter	Ongoing			
	Post reports on website	Quarterly	Quarterly	DC WATER prepares status reports quarterly in accordance with the consent decree.		
				Reports are on DC WATER's web site at <a href="http://www.DC">http://www.DC</a> WATER.com/education/css/css reports.cfm. 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:

	REQUIRE	EMENTS COMPLETED IN	PRIOR QUARTERS	S
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-Sept2009 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.	Anacostia Facility Plan 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.	Anacostia Facility Plan Submit summary report & detailed implementation schedule  Separate Fort Stanton	3 yrs 6 months from entry	23-Sep-2008	Submitted 18-Sept-2008  Completed ahead of schedule. Contract awarded March 3, 2006 to Black & Veatch under Agreement No. DCFA #389-WSA, Task Order
VI.A.11.	Award contract for detailed design Separate Fort Stanton	1 year from entry	23-Mar-2006	No. 8.  Completed. Contract awarded February 19,
VI.A.11.	Award contract for construction	3 years from entry	23-Mar-2008	2008 to Sagres Construction Corporation.
p.12, VI.A.11.	Separate Fort Stanton Place in operation	5 years from entry	23-Mar-2010	Placed in operation on 17-Mar-2010

REQUIREMENTS COMPLETED IN PRIOR QUARTERS				
Reference	Requirement	Deadline in CD	Calendar Deadline	Status
	Separate Fort Stanton	60 days after place in		
P.12, VI.A.11	Submit Certification to EPA	operation	16-May-2010	Submitted 1-April-2010
p.12, VI.A.12.	Fort Stanton Interceptor 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, VI.A.13.	Tunnel From Poplar Point to Northeast  Boundary  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, VI.A.13.	Tunnel From Poplar Point to Northeast Boundary 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,	Poplar Point Pumping Station			The authority awarded a contract on January 31,
VI.A.14.	Award contract for detailed design	7 years from entry	23-Mar-2012	2012 that provides for detailed design.
p.15, VI.A.17.	Anacostia Outfall Consolidation 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, VI.C.24.	Rock Creek CSO Outfall Separation 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, VI.C.24.	Rock Creek CSO Outfall Separation Submit certification to EPA	60 days after place in operation	22 May 2011	Completed
p.19, VI.C.25	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	22-May-2011 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.27.	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	6 mos after notification by EPA that monitoring is approved	23-May-2006	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.

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS					
Reference	Requirement	Deadline in CD	Calendar Deadline	Status		
p.20, VI.C.27.	Monitoring at CSOs 033, 036, 047, 057 Commence implementation of plan to address these CSOs	Within 90 days of EPA approval of plan	02-Jan-2008	DC WATER completed implementation by drafting scopes of work for detailed design of the required CSO controls.		
p.20, VI.C.27.	Monitoring at CSOs 033, 036, 047, 057 Award contract for detailed design	1 year after EPA approval	04-Oct-2008	Task order executed with Black & Veatch on 22-Sept-2008.		
p.20, VI.C.27.	Monitoring at CSOs 033, 036, 047, 057 Award contract for construction Monitoring at CSOs 033, 036, 047, 057	<ul><li>2.5 years after award of design contract</li><li>6 years after EPA approval</li></ul>	22-Mar 2011	Completed. DC Water awarded contract for construction on March 18, 2011.		
p.20, VI.C.27	Place in operation selected alternative	of plan	01-Oct-2013	Completed on 7/26/2013		
p.20, VI.C.27	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 8/22/2013		
p.21. VI.D.29.	Blue Plains Excess Flow Improvements Award contract for construction	7 years from entry	23-Mar-2012	Per letter dated March 11, 2009, United States will stay this provision pending negotiation of other binding requirements to replace it.		

	REQUIREMENTS COMPLETED IN PRIOR QUARTERS					
Reference	Requirement	Deadline in CD	Calendar Deadline	Status		
p.25. VII.37	Grant Funding Report source, amount, timing to EPA	When DC WATER learns it will be appropriated or received	When DC WATER learns it will be appropriated or received	<ul> <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					
Reference	Requirement	Deadline in CD	Calendar Deadline	Status		
p.27. IX.45	Low Impact Development Retrofit 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.		

#### 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:

Contr. Div.	Description	A activities	Milestone for	Status
DIV.	Description	Activity	Tracking	2 111 12 2
A	Blue Plains Tunnel and Main Outfall Sewer Diversion	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)
	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.
I D		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)
	Structure	Award Contract for Detailed Design	1-Jun-2009	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
С		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)
	Bolling AFB Overflow and Potomac Outfall Sewer Diversion	Award Contract for Detailed Design	1-Oct-2013	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
D		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

Contr.			Milestone for	
Div.	Description	Activity	Tracking	Status
		Ready to be Placed in Operation	1-Nov-2013	(1)
		Place in Operation	23-Mar-2018	(1)
F	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)
	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.
G		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)
Н		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)
		Award Contract for Detailed Design	2-Jan-2013	The Authority awarded contracts on March 20, 2009 that provide for detailed design.
I		Award Contract for Construction	2-Jan-2015	(1)
		Ready to be Placed in Operation	31-Dec-2017	(1)
		Place in Operation	23-Mar-2018	(1)
		Award Contract for Detailed Design	2-Jan-2019	(1)
J		Award Contract for Construction	2-Jan-2021	(1)
J		Ready to be Placed in Operation	23-Mar-2025	(1)
		Place in Operation	23-Mar-2025	(1)
K	Northeast Boundary Branch Tunnels	Award Contract for Detailed Design	2-Jan-2016	The Authority expanded this project and renamed it Contract Division P (1)
		Award Contract for Construction	23-Mar-2018	The Authority expanded this project and renamed it Contract Division P (1)

Contr.			Milestone for	
Div.	Description	Activity	Tracking	Status
	_			The Authority expanded this project and renamed it Contract Division P
		Ready to be Placed in Operation	1-Jul-2022	(1)
		Place in Operation	23-Mar-2025	(1)
				The Authority combined this Contract Division with Contract Division J –
		Award Contract for Detailed Design	23-Mar-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	23-Mar-2016	Northeast Boundary Tunnel. See Contract Division J above.
	Diversions			The Authority combined this Contract Division with Contract Division J –
		Ready to be Placed in Operation	23-Mar-2018	Northeast Boundary Tunnel. See Contract Division J above.
		Place in Operation	23-Mar-2025	(1)
	Mt. Olivet Road Diversions			The Authority combined this Contract Division with Contract Division J –
		Award Contract for Detailed Design	2-Jan-2017	Northeast Boundary Tunnel. See Contract Division J above.
				The Authority combined this Contract Division with Contract Division J –
M		Award Contract for Construction	2-Jan-2019	Northeast Boundary Tunnel. See Contract Division J above.
		D 1 ( 1 D) 1' O (	21 D 2020	The Authority combined this Contract Division with Contract Division J –
		Ready to be Placed in Operation	31-Dec-2020	Northeast Boundary Tunnel. See Contract Division J above.
		Place in Operation	23-Mar-2025	(1)
	Blue Plains Tunnel	1 1 C + + + C D + 11 1 D + +	1 4 2012	The Authority awarded a contract on June 6, 2013 that provides for
	Dewatering	Award Contract for Detailed Design	1-Apr-2013	design-build services.
Y	Pumping Station	Arrand Contract for Construction	1-Jul-2015	The Authority awarded a contract on June 6, 2013 that provides for
	and Enhanced	Award Contract for Construction		design-build services. (1)
	Clarification Facility (ECF)	Ready to be Placed in Operation	31-Dec-2017	` '
	racinty (ECF)	Place in Operation	23-Mar-2018	(1)
	Poplar Point Pumping Station Replacement	1 1 C + + + C D + 11 1 D + +	22.14 2012	The Authority awarded contracts on March 20, 2009 that provide for
Z		Award Contract for Detailed Design	23-Mar-2012	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