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VIA ELECTRONIC CORRESPONDENCE

October 7, 2020

CCN: 63403
File No: 8.DC.20.92

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Tom Mariani
Washington, D.C. 20044-7611
RE: DOJ No. 90-5-1-1-4022/1
Tom.Mariani@usdoj.gov

Chief, Clean Water Enforcement Branch
Water Protection Division
Attn: Brad Ammons
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Florida Department of Environmental Protection
Southeast District – West Palm Beach
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Attn: Compliance/Enforcement Section
Jason.Andreotta@dep.state.fl.us

**RE: Consent Decree (Case: No. 1:12-cv-24400-FAM),
Reference DOJ Case No. 90-5-1-1-4022/1,
Section XXVI – Appendices, Paragraph 92
Appendix D – Work Plan for Specific Capital Improvement Projects
Completion of CD 4.9 Asbestos Cement force mains**

gm

Dear Sir/Madam:

In accordance with the provisions of Section XXVI, Paragraph 92 and Appendix D of the above referenced Consent Decree, on behalf of Miami-Dade County, the Water and Sewer Department (WASD) submits to the Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) documentation to support the completion of the separate list of Asbestos Cement (AC) force mains that make up Project 4.9. The County certifies that it has timely and fully completed 33.74 miles of AC force mains and is in full compliance with the CD 4.9 milestone (approximately 30 miles of AC force mains) pursuant to the provisions of this CD.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding this matter, please call me at (786) 552-8571.

Sincerely,



Lynnette M. Ramirez P.E.
Senior Advisor, Capital Improvement Programs & Regulatory Compliance

Attachment: Table 1. Summary Table of CD 4.9 Individual Projects

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CD 4.9 Replace Approximately 30 miles of AC force mains

Summary Table of CD 4.9 Individual Projects

Item	Projects ID	Project Description	Status	CD 4.9 AC Force mains Linear Feet (LF) per Consent Decree Appendix D-1	Actual AC Force main (LF)	RER Certification (Date & Permit No.) If applicable
Appendix D-1						
1	4.09 (1)	REPLACEMENT OF 2673 LF OF 10-IN ACP FM ON SW 112TH AVE, FROM 112TH ST TO 104TH ST REPLACE 1240 LF OF 8-IN ACP FM WITH 8-DI FM FROM PS0810 TO SW 72 ST REPLACE 5285 LF OF 12-IN ACP FM WITH 36-IN DI FM REPLACE 1236 LF OF 6-IN ACP FM ALONG SW 296 ST	Completed 06/05/2020	2,757	2,757	Cut and Plug* Completion Date 06/05/2020
2	4.09 (2)	FURNISH AND INSTALL OF 1885 LF OF 12-IN DI AND 16-IN O.D. HDPE PIPE FM ON NE 14TH AVE FROM NORTH OF MIAMI GARDENS DRIVE TO PS-0455 (NE 191 ST)	Completed 10/25/2016	2,000	2,203	12/21/2016 2015-SEW-EXT-00172
3	4.09 (3-5, 8)	REPLACEMENT OF FORCE MAIN FROM PUMP STATION NO. 0356 TO NW 183RD ST AND 52ND AVE.	Completed 08/11/2014	5,520	5,630	08/11/2014 2013-SEW-EXT-00097
4	4.09 (6,7)	REPLACEMENT OF EXISTING 325 LF 6-INCH ACP FM W/ 340 LF 6-INCH DI FM FROM PS0362 TO NW 52 AVE.	Completed 08/18/2017	676	497	09/28/2017 2016-SEW-EXT-00023
5	4.09 (9-13)	T1912 REPLACEMENT OF 6, 8, AND 12-INCH ACP FORCE MAINS BETWEEN P.S. 0385, P.S. 0374, AND THE JUNCTURE OF NW 199TH ST AND 37TH AVE	Completed 07/07/2015	6,517	6,400	08/06/2015 2014-SEW-EXT-00026
6	4.09 (14-19)	T1914 REPLACEMENT OF 10, 8 & 6-INCH FM IN NW 29 PLACE FROM P.S. 0376 AND P.S. 0427 TO NW 194 ST (P.S. 0375) AND NW 34 ST (P.S. 0377) AND NW 194 TERR TO P.S. 0368	Completed 06/03/2015	8,717	8,578	05/18/2015 2014-SEW-EXT-00034
7	4.09 (20, 21)	REPLACE 467 LF OF 8-INCH, 1,945 LF OF 10-INCH AND 262 LF OF 12-INCH ACP FMs WITH 161 LF OF 8-INCH DI FM AND 2,753 LF OF 12-INCH DI FROM PS 0366 TO NW 199 ST/39 AVE. REPLACE 557 LF OF 4-INCH ACP FM WITH 6-INCH DI FROM 39 AVE TO PS 0369	Completed 04/06/2017	2,259	3,285	02/10/2017 2015-SEW-EXT-00219
8	4.09 (22)	REPLACE APPROX 1770 LF OF 6-IN AC FM, 97 lf od 6-IN CI FM AND 146 LF OF 6-IN AC FM WITH APPROX 2119 LF OF 8-IN DI FM FROM PS0352 TO PS0358.	Completed 03/02/2017	2,056	2,032	04/04/2017 2015-SEW-EXT-00195
9	4.09 (23)	REPLACE EXISTING 8-IN ACP FM WITH APPROX 1857 LF OF 8-IN DI FM FROM PS1022 AT SW 348 ST AND SW 189 AVE TO EXISTING 12-IN DI FM ALONG SW 352 ST AND 286 LF OF 8-IN DI FM ALONG 187 AVE	Completed 06/15/2018	11,027	21,245	05/08/2018 2016-SEW-EXT-00146
10	4.09 (24)	REPLACE APPROX. 840 LF OF EXISTING 8-IN ACP FM W/ 8-INCH DI FM ALONG NW 49 CT FROM PS0353 TO NW 177 ST.	Completed 10/27/2016	1,793	1,873	12/21/2016 2016-SEW-EXT-00045
11	4.09 (25, 26)	REPLACE 1,040 LF OF 10-INCH ACP FM WITH 1,040 LF OF 12-INCH DI FM FROM NW 173 DR AND NW 52 AVE TO NW 177 ST AND NW 52 AVE	Completed 04/03/2017	3,450	3,334	03/30/2017 2015-SEW-EXT-00220
12	4.09 (27)	REPLACE EXIST. 4-IN ACP FM WITH 263 LF OF 4-IN DI FM FROM EXIST PLUG VALVE WEST FROM RIGHT OF WAY LINE, ALONG SW 149 TER TO EXIST 8-IN DI FM AT INTERSEC. OF SW 149 TER AND SW 89 AV	Completed 11/20/2015	2,450	2,327	Cut and Plug Completion Date 11/20/2015
13	4.09 (28)	REPLACE 8-IN ACP FM FROM PS0786 TO MH 5, 8-IN DI FM FROM SW 19 ST AND SW 102 AVE TO SW 16 ST AND 6-IN ACP FM FROM PS0784 TO SW 102 AVE AND SW 20 ST	Completed 12/19/2019	1,610	4,455	Cut and Plug Completion Date 12/19/2019
14	4.09 (29, 30, 31)	REPLACE EXISTING 6-IN PVC FM, 6-IN AND 12-IN ACP FM FROM SW 107 AVE AND SW 76 ST AND 6-IN PVC FM, 10-INCH ACP FM AND 10-INCH STEEL PIPE FROM PS0812 TO SW 102 AVE AND 84 ST	Completed 9/13/2019	6,263	6,012	03/18/2019 2016-SEW-EXT-00125-Partial 08/13/2019 2016-SEW-EXT-00125-Final
15	4.09 (32)	REPLACEMENT OF EXISTING 684 LF OF 12-IN ACP FM WITH 684 LF OF 12-IN DI FM IN SW 107TH AVE, FROM 104TH ST TO KENDALE BLVD	Completed 10/13/2017	1,622	1,609	08/28/2017 2015-SEW-EXT-00221
16	4.09 (33)	REPLACEMENT OF 1,701 LF OF 4-IN ACP FM FROM PS-00479 AT SW 104 AVE AND 169 ST TO MH 42	Completed 08/12/2016	1,266	1,230	08/12/2016 2016-SEW-EXT-00077
17	4.09 (34-43)	REPLACEMENT OF ACP FM WITH 8-IN AND 12-IN DI FM FROM SW 108 PL AND SW 176 ST TO SW 95 AVE AND SW 163 ST	Completed 04/22/2020	24,047	5,745	10/23/2019 2018-SEW-EXT-00132-Partial 02/05/2020 2018-SEW-EXT-00132-Final
18	4.09(44,45)	REPLACE 1240 LF OF 8"ACP FM WITH 8" DIP FM FROM PS#0810 TO SW 72 ST	Completed 06/05/2020	1,850	575	Cut and Plug Completion Date 06/05/2020
19	4.09 (46)	REPLACE APPROX. 157 LF OF 6-IN ACP FM WITH APPROX. 660 LF OF 8-IN DI FM FROM 147 FT SOUTH OF SE 155 ST CENTER LINE ON SW 107 CT SOUTH TO SW 156 TERRACE AND EAST TO A UTILITY EASEMENT BEHIND RESIDENTIAL PROPERTY	Completed 04/22/2020	666	796	02/05/2020 2018-SEW-EXT-00160
20	4.09 (47)	REPLACEMENT OF APPRX 1023 LF OF 8-IN ACP FM W/ 8-IN DI FM FROM PS-0869 ALONG SW 122 AVE TO 88TH ST CENTERLINE	Completed 03/01/2017	973	1,058	01/17/2017 2015-SEW-EXT-00222
21	4.09 (48-53, 63)	REPLACE 8-IN AND 10-IN ACP FM WITH APPRX 11,735 LF OF 16-IN, 12-IN AND 8-IN DIP FM FROM SW 142 AVE AND SW 288 ST TO SW 123 CT AND SW 258 ST	Completed 05/02/2020	31,681	31,062	11/05/2019 2017-SEW-EXT-00203
22	4.09 (54-56)	REPLACE 1236 LF OF 6"ACP FM ALONG SW 296 ST FROM PS#1009 EAST OF SW 144 CT TO SW 147 AVE REDIRECTING FLOW TO EXISTING 48" DIPFM AND INSTALLING 50 LF OF 6" DIPFM AND 40 LF OF 8" DIPFM	Completed 06/05/2020	7,494	7,684	Cut and Plug Completion Date 06/05/2020
23	4.09 (57-59)	REPLACE 1183 LF OF 8" ACP FM WITH 12" DIP FM, 2129 LF OF 10" ACP FM WITH 16" DIPFM, 1750 LF OF 12" ACP FM WITH 24" DIP FM, 986 LF OF 6" ACP FM WITH 12" DIPFM AND 1760 LF OF 8" ACP FM WITH 12" DIPFM BY KENDALE LAKES BLVD FROM SW 142 AVE TO SW 137 AVE	Completed 12/19/2019	4,318	7,188	Cut and Plug Completion Date 12/29/2019
24	4.09 (60-62)	REPLACE 1,500 LF OF 8-IN ACP FM WITH 8-IN DI FM FROM PS-1013 TO PS-1012 AND THEN 2,550 LF OF 10-IN ACP FM WITH 12-DI FM FROM PS1012 TO SW 144 AVE AND SW 280 ST	Completed 08/22/2019	4,591	3,968	07/25/2019 2018-SEW-EXT-00158
25	4.09 (64)	REPLACE 1236 LF OF 6"ACP FM ALONG SW 296 ST FROM PS#1009 EAST OF SW 144 CT TO SW 147 AVE REDIRECTING FLOW TO EXISTING 48" DIPFM AND INSTALLING 50 LF OF 6" DIPFM AND 40 LF OF 8" DIPFM	Completed 12/19/2019	1,236	1,154	Cut and Plug Completion Date 12/19/2019
26	4.09 (65)	REPLACEMENT OF APPROX. 2250 LF OF EXISTING 6-IN ACP FM WITH 8-IN DI FM FROM PS1005 TO PS1006	Completed 12/13/2019	1,819	2,046	11/22/2019 2018-SEW-EXT-00177



Item	Projects ID	Project Description	Status	CD 4.9 AC Force mains Linear Feet (LF) per Consent Decree Appendix D-1	Actual AC Force main (LF)	RER Certification (Date & Permit No.) If applicable
27	4.09 (66)	REPLACE APPROX 120 LF OF 8-IN ACP FM WITH 8-IN DI FM FROM PS 1002 TO SW 152 AVE AND 304 ST	Completed 06/05/2020	2,989	10,477	Cut and Plug Completion Date 06/05/2020
28		Sub Total (LF) ID 4.09 (1 Thru 66)		141,647	145,220	
29		Sub Total (Mi.) ID 4.09 (1 Thru 66)		26.83	27.50	
Additional Projects						
30	4.09 (68)	ABANDON EXISTING 3400 LF OF 6-IN AND 8-IN ACP FM FROM PS0364 TO NW 199 ST AND INSTALL 1271 LF OF 8-IN DI FM FROM PS 0364 TO NW 203 TER, THEN 2154 LF OF 12-IN DI FM FROM NW 203 TERR TO NW 199 ST	Completed 03/15/2017	N/A	3,177	05/05/2017 2016-SEW-EXT-00024
31	4.09 (69)	REPLACEMENT OF APROX. 2,425 LF OF 12-IN ACP FM WITH 12-IN DI FM FROM PUMP STATION NO. 0333 SOUTH TO MIAMI LAKES DR	Completed 12/15/2016	N/A	3,726	11/01/2016 2015-SEW-EXT-00224
32	4.09 (71)	REPLACE 8-IN ACP AND 8-IN CI FM WITH 8-IN DI FM FROM PS0445 ALONG NW 17 AVE TO NW 207 ST, THEN 12-IN DI FM ALONG NW 207 ST WITH AERIAL CANAL CROSSING TO EXIST 16-IN DI FM, THEN REPLACE 4-IN ACP FM WITH 6-IN DI FM FROM PS0444 TO NW 207 ST	Completed 04/25/2019	N/A	1,723	01/31/2019 2016-SEW-EXT-00025
33	4.09 (72)	DESIGN-BUILD SERVICES TO FURNISH AND INSTALL A 48-INCH DIAMETER WATER TRANSMISSION MAIN FOR "AREA N"	Completed 05/19/2020	N/A	8,213	05/19/2020 2018-SEW-EXT-00084
34	4.09 (73)	REPLACE 4,156 LF OF 10-INCH ACP FM FROM PS0728 RUNNING SOUTH ALONG SW 92 AVE TO NEAR SW 152 ST AND 3,955 OF 10-INCH ACP FROM SOUTH OF SW 152 ST TO PS 0735 AND 1,020 LF OF 8-INCH CI FM ALONG SW 150 ST SW 90 AVE WITH 4,156 LF OF 12-INCH DI FROM PS 0728 TO NEAR SW 152 ST AND 1,020 LF OF 8-INCH DI ALONG SW 150 ST TO SW 90 AVE AND 3,955 LF OF 12-INCH DI FM FROM SOUTH OF SW 152 ST TO NEAR PS 0735 ALONG SW 95 AVE.	Completed 10/11/2019	N/A	13,149	05/21/2019 2015-SEW-EXT-00278-1st Partial 07/16/2019 2015-SEW-EXT-00278-2nd Partial 08/12/2019 2015-SEW-EXT-00278-Final
35	5.18(3)	PUMP STATION 0710 COMPLIANCE PROJECT As part of this project 1,208 LF of ACP was also retired in place	Completed 08/15/19	N/A	1,208	06/21/2019 2017-SEW-EXT-00211-Partial 08/14/2019 2017-SEW-EXT-00211-Final
36	5.18(5)	PUMP STATION 0852 COMPLIANCE PROJECT As part of this project 1,738 LF of ACP was also retired in place	Completed 06/26/2020	N/A	1,738	07/26/2019 2017-SEW-EXT-00200
36		Sub Total (LF) ID 4.09 (67 Thru 75), CD 5.18(3) & CD 5.18(5)		0	32,934	
36		Sub Total (Mi.) ID 4.09 (67 Thru 75), CD 5.18(3) & CD 5.18(5)		0.00	6.24	
<i>*Cut and Plug Projects do not required an RER Certification</i>						
Grand Total Linear Feet				141,647	178,154	
Grand Total Miles				26.83	33.74	