

APPENDIX E TO CONSENT DECREE MODIFICATION

Initial and Additional Priority Areas:

Certain Definitions, Minimum Linear Footage, and Projects to be Completed by December 31, 2021

Submitted to

U.S. Environmental Protection Agency
Georgia Environmental Protection Division

Submitted by

Department of Watershed
Management
DeKalb County, Georgia



Case No. 1:10 cv 4039-SDG

September 2020

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Initial and Additional Priority Areas:

Certain Definitions, Minimum Linear Footage, and Projects to be Completed by December 31, 2021

Part 1 – Definitions

For clarity and ease of understanding, definitions for the following terms are provided.

Project Categories: The four project categories of “Simple Pipe Review,” “Simple Pipe Rehabilitation,” “Complex Pipe Design,” and “Complex Pipe Rehabilitation.”

Simple Pipe Review: Visual review of pipeline assessment certification program coded closed circuit television video and development of Simple Pipe Rehabilitation recommendations to address severe defects noted during condition assessment.

Simple Pipe Rehabilitation: Sewer rehabilitation to address structural issues identified during Simple Pipe Review. This can include point repairs, pipe lining, same size pipe replacement, and manhole lining.

Complex Pipe Design: Process to determine how to address capacity limitations within the WCTS, utilizing the hydraulic model and growth projections, among other tools, to determine the extent of comprehensive rehabilitation needed to reduce I/I alone or in conjunction with adding capacity through increasing pipe conveyance capacity or adding storage. Design may include any permitting, land/easement acquisition, surveying, geotechnical studies, equipment acquisition, engineering plans, etc.

Complex Pipe Rehabilitation: Sewer rehabilitation that addresses capacity issues within the system. This can be addressed through comprehensive rehabilitation to reduce I/I through pipe lining, point repairs, same size pipe replacement, manhole lining, vented manhole lid replacement, cleanout replacement, lateral connection rehabilitation and lower lateral lining/replacement. In conjunction with comprehensive rehabilitation or alone, capacity relief projects can be constructed including pipe upsizing, construction of new relief sewers, or inline or offline storage.

Minimum Linear Footage of Pipe Review, Design, and Rehabilitation: Minimum amount of linear footage to be (a) reviewed for a Simple Pipe Review project, (b) designed for a Complex Pipe Design project, or (c) rehabilitated for a Simple Pipe Rehabilitation or Complex Pipe Rehabilitation as those Project Categories are listed in Table E-1 of this Appendix E. The initial estimate of the minimum amount of linear footage to be completed in the Project Categories specified in Table E-1 of this Appendix E along with each corresponding year shall be used to determine compliance, notwithstanding a difference with the actual footage after project completion.

Part 2 – Minimum Linear Footage Interim Milestones

Table E-1. Interim Milestone Dates, Minimum Linear Footage by Year¹				
Year	Simple Pipe Review	Simple Pipe Rehabilitation	Complex Pipe Design	Complex Pipe Rehabilitation
2019/2020	80,000	60,000	80,000	40,000
2021	700,000	325,000	20,000	18,000
2022	50,000	200,000	45,000	20,000
2023	15,000	110,000	50,000	35,000
2024	10,000	60,000	40,000	45,000
2025	-	50,000	25,000	40,000
2026	-	40,000	10,000	25,000
2027	-	10,000	-	15,000

¹ Additional linear footage of rehabilitation work of a particular Project Category completed in a given calendar year beyond the minimum requirement for that particular calendar year shall be counted toward the subsequent year or years.

Part 3 – Projects to be Completed by December 31, 2021

Table E-2. Simple Pipe Review & Complex Pipe Design Summary Through December 31, 2021				
Task No.	Finish²	Description	Approximate Simple LF	Approximate Complex LF
1	2019	2438 Kings Court (PASARP SSO) (DB 2)	697	-
2	2019	I-IG11 (DB 2)	1,821	-
3	2019	2860 Buford Highway (OSARP SSO) (DB 2)	1,192	-
4	2019	2737 Winding Lane (PASARP SSO) (DB 2)	1,838	-
5	2019	408 South Susan Creek Drive (OSARP SSO) (DB 2)	884	-
6	2019	Jolly Avenue (OSARP SSO) (DB 2)	687	-
7	2019	108 East Ponce DeLeon (OSARP SSO) (DB 2)	771	-
8	2019	Pole Bridge 7 (DB 1)	-	597
9	2019	2692 Caladium Drive (DB 1)	689	1,826
10	2019	Pole Bridge 6 (DB 1)	-	521
11	2020	I-IG10 (DB 2)	5,444	125
12	2020	2659 Mill Court (PASARP SSO) (DB 2)	1,376	-
13	2020	5139 North Peachtree Road (OSARP SSO) (DB 2)	1,230	-
14	2020	Valley View (CIP Project) (DB 2)	499	1,396
15	2020	Lindsey Drive (DB 1)	151	-
16	2020	Pole Bridge 8 (DB 1)	-	3,596
17	2020	1576 Nantahalla Court (EPA) (DB 3)	328	-
18	2020	608 S McDonough Street (DB 3)	3,497	897
19	2020	A-IG2 (DB 2)	6,953	2,872
20	2020	1676 Frazier Road (DB 1)	718	-
21	2020	1760 Mason Mill Road (OSARP SSO) (DB 2)	339	2,473
22	2020	3924 Roman Court (DB 1)	1,057	-
23	2020	3597 Sunderland Circle, 1083 Wimberly Rd, A-IG4 (EPA, OSARP SSO) (DB 3)	4,660	-
24	2020	2312 Clairmont Rd, A-IG6 (EPA) (DB 3)	2,177	-

² Estimate based on currently available information. See also, Footnote #1 above.

Table E-2. Simple Pipe Review & Complex Pipe Design Summary Through December 31, 2021				
Task No.	Finish²	Description	Approximate Simple LF	Approximate Complex LF
25	2020	A-IG6 (DB 3)	9,438	670
26	2020	215 Beaumont Avenue (EPA) (DB 3)	724	1,608
27	2020	Package 6 Complex	-	7,221
28	2020	Pole Bridge 4 (DB 1)	-	760
29	2020	Package 8 Complex	-	15,886
30	2020	4367 Buford Highway (DB 1)	667	-
31	2020	Package 7 Complex	-	30,530
32	2020	121 Lucerne Street (DB 1)	454	-
33	2020	ASF1 (DB 1)	11,668	2,192
34	2020	Pole Bridge 1 (DB 1)	-	11,526
35	2020	Snapfinger Woods Dr (OSARP SSO) (DB 3)	-	10,421
36	2020	854 Sheppard Rd, A-SF2 (OSARP SSO) (DB 3)	112	-
37	2020	Nancy Creek Branch 2 (DB 2)	-	6,198
38	2020	Package 5	80,000	42,671
39	2020	In-house review / rehab recommendation	700,000	-
40	2020	161 Hood Circle (DB 1)	-	2,997
41	2020	Nancy Creek Branch 1 (DB 2)	249	9,415
42	2021	A-SF7 (DB 2)	3,889	4,656
43	2021	A-SF2 (DB 3)	7,482	-
Total Footage to be Designed by 12/31/2021			851,691	161,054

Table E-3. Construction Through December 31, 2021				
Task No.	Finish ³	Description	Approximate Simple LF	Approximate Complex LF
1	2019	2438 Kings Court (PASARP SSO) (DB 2)	697	
2	2019	I-IG11 (DB 2)	1,821	-
3	2019	2860 Buford Highway (OSARP SSO) (DB 2)	1,192	-
4	2019	2737 Winding Lane (PASARP SSO) (DB 2)	1,838	-
5	2019	408 South Susan Creek Drive (OSARP SSO) (DB 2)	884	-
6	2019	Jolly Avenue (OSARP SSO) (DB 2)	687	-
7	2019	108 East Ponce DeLeon (OSARP SSO) (DB 2)	771	-
8	2020	Pole Bridge 7 (DB 1)	-	597
9	2019	2692 Caladium Drive (DB 1)	689	1,826
10	2019	Pole Bridge 6 (DB 1)	-	521
11	2020	I-IG10 (DB 2)	5,444	125
12	2020	2659 Mill Court (PASARP SSO) (DB 2)	1,376	-
13	2020	5139 North Peachtree Road (OSARP SSO) (DB 2)	1,230	-
14	2020	Valley View (CIP Project) (DB 2)	499	1,396
15	2020	Lindsey Drive (DB 1)	151	-
16	2019	Pole Bridge 8 (DB 1)	-	3,596
17	2020	1576 Nantahalla Court (EPA) (DB 3)	328	-
18	2020	608 S McDonough Street (DB 3)	3,497	897
19	2020	A-IG2 (DB 2)	6,953	2,872
20	2019	1676 Frazier Road (DB 1)	718	-
21	2020	1760 Mason Mill Road (OSARP SSO) (DB 2)	339	2,473
22	2019	3924 Roman Court (DB 1)	1,057	-
23	2020	3597 Sunderland Circle, 1083 Wimberly Rd, A-IG4 (EPA, OSARP SSO) (DB 3)	4,660	-
24	2020	2312 Clairmont Rd, A-IG6 (EPA) (DB 3)	2,177	-
25	2020	A-IG6 (DB 3)	9,438	670

³ Estimate based on currently available information. See also, Footnote #1 above.

Table E-3. Construction Through December 31, 2021				
Task No.	Finish³	Description	Approximate Simple LF	Approximate Complex LF
26	2020	215 Beaumont Avenue (EPA) (DB 3)	724	1,608
27	2019	Pole Bridge 4 (DB 1)	-	760
28	2019	4367 Buford Highway (DB 1)	667	-
29	2020	121 Lucerne Street (DB 1)	454	-
30	2019	ASF1 (DB 1)	11,668	2,192
31	2019	Pole Bridge 1 (DB 1)	-	5,526
32	2021	Snapfinger Woods Dr (OSARP SSO) (DB 3)	-	9,421
33	2020	854 Sheppard Rd, A-SF2 (OSARP SSO) (DB 3)	112	-
34	2021	Nancy Creek Branch 2 (DB 2)	-	6,198
35	2020	161 Hood Circle (DB 1)	-	2,997
36	2021	Nancy Creek Branch 1 (DB 2)	249	9,415
37	2021	A-SF7 (DB 2)	3,889	4,656
38	2021	A-SF2 (DB 3)	7,482	-
39	2020	Package 9 (AWS - Contractor 1)	81,996	-
40	2020	Package 9 (AWS - Contractor 2)	7,493	-
41	2020	Package 9 (AWS - Contractor 2 CO)	82,897	-
42	2021	Package 9 (Co-op #1)	73,392	-
43	2021	Package 9 (Co-op #2)	67,222	-
Total Footage to be Constructed by 12/31/2021			384,691	57,746